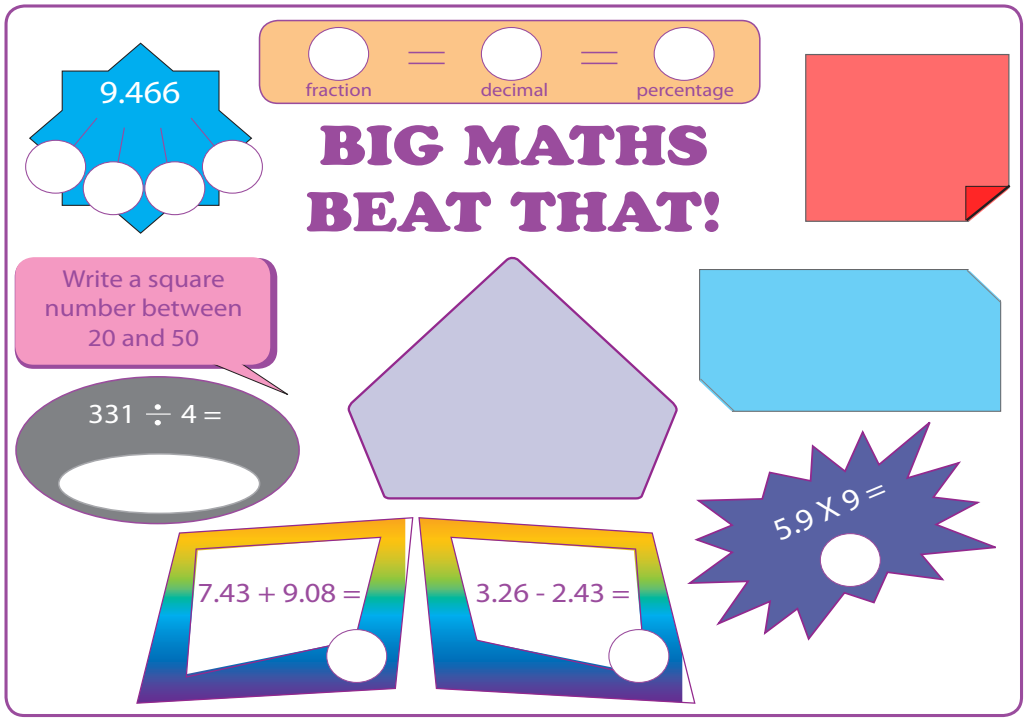
Big Maths, Beat That!

Contents

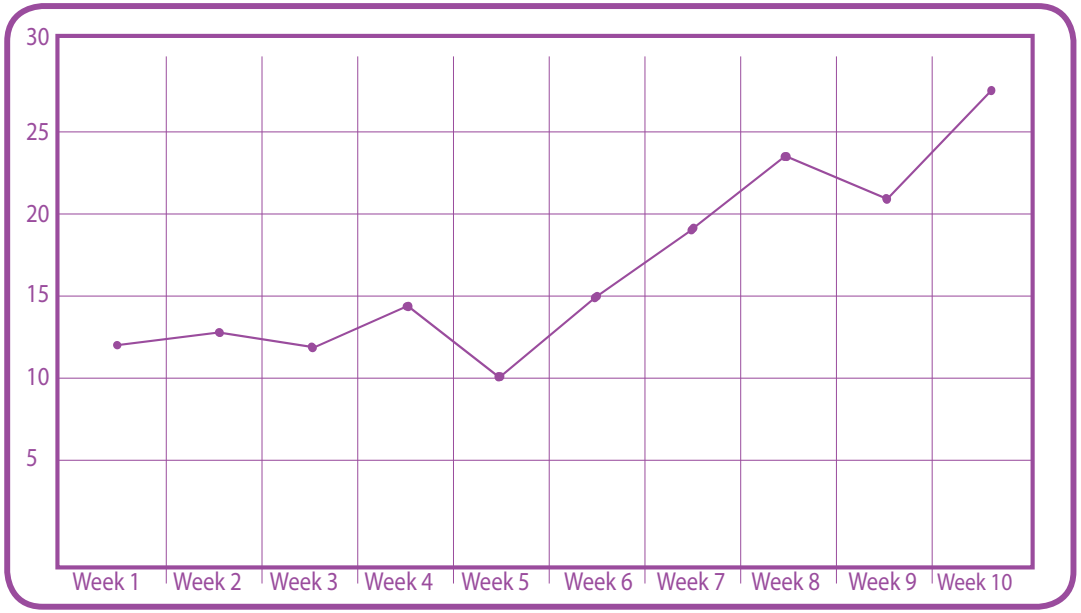
How to use 'Big Maths, Beat That!' to rapidly raise standards

- 'Big Maths, Beat That!' is an assessment tool that allows teachers to see exactly what their children know and what they don't know.
- It provides children with a fun and motivational way to track their own progress and set their own targets for numeracy.
- It involves two quick and easy tests that children typically complete on a Friday alongside Big Write.
- The children are constantly challenged to increase their own score (literally..."Beat That!", where 'that' is their best ever score) and the teachers' role in uplevelling each child is at the heart of teaching through CLIC.
- One test is called 'The CLIC Test' and it asks children to answer 10 key numeracy questions that are tightly linked to APP attainment statements. There are 5 different tests (one for each of the national curriculum levels from Level 1 to 5). There is no time limit as such and children complete their pencil and paper jottings around the sheet or on the back of it. Teachers should play the CLIC test jingle (available on the Andrell Education website) either before the test itself or just before the tests are marked/returned. Once children have scored 10 out of 10 in 3 consecutive weeks then they move on to the test paper for the next level up. Learners that 'flatine' and do not make sufficient progress are taught specifically how to complete appropriate questions. In this way all children are 'uplevelled' against APP criteria constantly.
- The second test is called 'The Total Recall Test' and it asks the children to answer a set number of 'Learn Its' questions in a set time. There is another jingle (again available for free from the Andrell Education website), and these provide the time limits for each test. There are 6 different Total Recall Tests, and these are linked to the Learn Its schedule from Big Maths. Children keep the same test all year and aim to write down all the facts required in the time available. Once they can complete it in the time available then they aim to complete it in a quicker time.
- In Year 1 only addition facts
- In Year 2 there are the remaining 1 digit add 1 digit facts and facts from the X10, X5 and X2 tables
- In Year 3 there are no addition facts since the focus is on the X3, X4 and X9 tables
- In Year 4 the 6 multiplication facts from the X6, X7, X8 tables that have not already been learnt as part of earlier tables are tested along with all 36 of the addition facts.
- In Year 5 and 6 all 36 addition facts and 36 multiplication facts are tested.
- For all 11 tests (the 5 CLIC tests and the 6 Total Recall tests) Big Maths provides a new test for each week over a 10 week period. This means the children can not merely learn a sequence of answers and therefore keeps the resultant data valid. For example, the whole school would complete the relevant tests from the week 1 bank of tests and then from the week 2 bank of tests the following week. After 10 weeks then the school returns to the bank of tests from week 1 and begins to move through the 10 weeks again.
- All 110 tests can be found on the 'Big Maths, Beat That!' disc that is available to purchase from Andrell Education. Also on the disc are the equivalent 110 answer sheets as well as the 2 jingles.
- Crucially, the 'Big Maths, Beat That!' disc also has a software package that easily allows schools to input each child's test data. The software then self-populates easy-to-read line graphs for a visual representation of each child's progress over time for both tests. These can be controlled to select a specific group of children, or to illustrate the average gains of an entire class.
- The software also effortlessly creates bar graphs for each child's 10 CLIC test questions so that success in these areas can be quickly be linked to APP assessment guideline sheets.



Example of a level 4 CLIC Test

Example of Line Graph showing rates of Progress against APP statements



Name:

My 'Beat That' score was...

BIG MATHS... BEAT THAT!

Year 1 - 30 seconds

17

5 + 5 =	2 + 8 =	1 + 9 =
9 + 9 =	5 + 2 =	7 + 7 =
4 + 2 =	9 + 2 =	6 + 3 =
6 + 6 =	4 + 3 =	4 + 6 =
3 + 7 =	6 + 2 =	5 + 3 =
8 + 8 =		7 + 2 =

Y1

Example of Total Recall Test to assess Learn Its

How to use 'Big Maths, Beat That!' to rapidly raise standards

How do I get started?

- Getting started with 'Big Maths, Beat That!' is easy. You don't have to be teaching through CLIC or using any other Big Maths method.
- Using your knowledge of the children already, simply start by giving them a CLIC test one Friday for a level you know they will find easy.
- From that point onwards children are then on the CLIC test progression until they can score 10 out of 10 on the Level 5 test. Gradually explain to the children how the 'Big Maths, Beat That!' system works. A reward system should be put in place for children that do 'beat that' and get their best ever score, as well as for the class if a class target is set using the line graph of the class average.
- After a routine has been developed then start to add in the jingle if you haven't already done so from the start.
- Then, start to use the software and input each child's score every week. Creating the line graphs and then sharing them with the children and parents is easy.
- After a few weeks then start to add input the data at the question level and start to look at the bar graphs that indicate which questions individual children need more help on (if any!).
- Begin to use the information from the graphs to inform planning.

How does it become embedded?

- Once the above steps have been made then the system runs itself and children become more and more motivated to keep going and beating their best ever scores.
- If all teachers across the school are focussing their teaching around the questions that are not being answered correctly then a culture of personalised learning with a strong APP up-levellling basis to it is created. Schools already implementing Big Write will be familiar with the feelings of enthusiasm, success and pride spreading contagiously throughout a school.
- Subject leaders may wish to analyse the whole-school dimension using the software on the disc to look for line graphs showing areas of flat-lining and respond appropriately. The significance of this is that the 'Big Maths, Beat That!' package will ensure that all children move through school learning the core skills of numeracy increasingly rapidly and at increasingly higher levels.
- Each child becomes familiar with the three targets that they would take ownership of at any one time, i.e. their next step on the progress drive that they are climbing at any one moment in time, their CLIC test score, and their 'Total Recall' test score i.e. knowing which question they need to focus on being able to answer next) see next page.
- Teachers can then focus their personalised teaching on the skills and concepts that the learners don't possess.

Big Maths Target Setting

1

Next Step on any current Progress Drive

2

'CLIC, Beat That!' Uplevelling Target – and an improved CLIC test score

3

3 Learn Its from CLIC lessons – and an improved Total Recall test score

‘Big Maths, Beat That’

CLIC Tests

Criterion Scales For Essential CLIC Numeracy

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CLIC Tests
~ Level 1 ~

Questions 1 to 5

Q No.	APP Statement	'I Can...' statement	Location within Big Maths	Teacher Notes
1	**Numbers and the number system:** • write numbers to 10	I can write numbers	None – it is assumed that writing the digits 0 to 9 will be taught as part of the EYFS curriculum.	This Level 1 target is to be able to write the numbers from 1 to 10. In the answer book it tells you which number to ask the children to write for each test.
2	**Numbers and the number system:** • order numbers to 10	I can order numbers to 10	Counting - section 4: Ordering Numbers	The children have to write the 3 numbers in the correct order (smallest to largest).
3	**Numbers and the number system:** • say what number comes next, is one more/less	I can add one/take one	Counting - section 7: How many are there still?	The children should not use a number line or any other resource to help them (but can use their fingers).
4	**Mental Methods:** • add numbers of objects to 10 - begin to add by counting on from the number of objects in the first set	I can add numbers of objects to 10	Calculation - addition: Step 5	None
5	**Mental Methods:** • begin to know some double facts, e.g. doubles of numbers to double 5	I know my finger doubles	Learn Its: Rec. term 1 and 2	The children should not use a number line or any other resource to help them (but can use their fingers).

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CLIC Tests
~ Level 1 ~

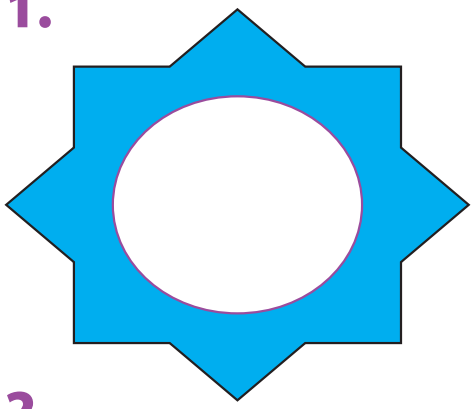
Questions 6 to 10

Q No.	APP Statement	'I Can...' statement	Location within Big Maths	Teacher Notes
6	**Written Methods:** - begin to use the symbols '+' and '='	I can solve a number sentence	Calculation - addition: Step 8	The children should not use a number line or any other resource to help them (but can use their fingers).
7	**Fractions:** • halve an even number of objects	I can halve an even number of objects	Calculation - division: Step 4	Here the children can use blocks or another object based resource to help them halve an even number. No help should be given on how to use the blocks.
8	**Numbers and the number system:** • count up to 10 objects	I can count 10 objects	Counting - section 6: Actual Counting	N/A
9	**Solving numerical problems:** - given a number work out 'how many more to make...'	I know the missing piece to 10	It's Nothing New - section 4: Jigsaw Numbers	The children should not use a number line or any other resource to help them (but can use their fingers).
10	**Mental Methods:** • subtract numbers of objects to 10	I can take away numbers of objects to 10	Calculation - subtraction: Step 5	Here the children can use blocks or another object based resource to help them subtract a number of objects. No help should be given on how to use the blocks.

Name: _____

BIG MATHS BEAT THAT!

1.



2.

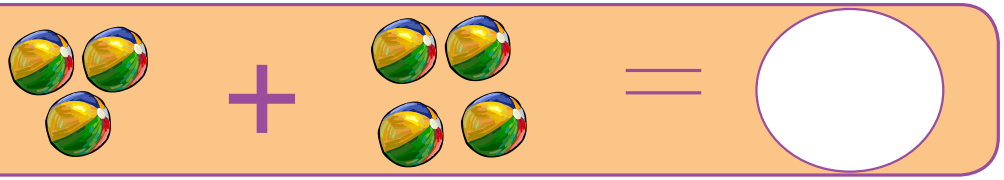
Write these numbers in order

2	4	8

3.

One more than 3 is?

4.



5.

Double 4 is

6.

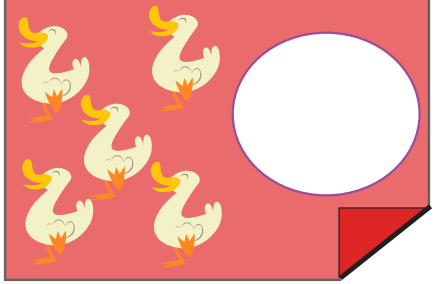
3 + 6 =

7.

Half of 8 is...

8.

How many ducks?



9.

6 + ☐ = 10

10.

5 take away 3 is...

BIG MATHS... BEAT THAT!

CLIC Tests
~ Level 2 ~

Questions 1 to 5

Q No.	APP Statement	'I Can...' statement	Location within Big Maths	Teacher Notes
1	**Numbers and the number system:** • begin to understand the place value of each digit - know the relative sixe of numbers to 100	I can partition a 2 digit number	Counting - section 3: Squiggleworth	N/A
2	**Numbers and the number system:** • recognise sequences of numbers, including odd and even numbers, e.g. - recognise numbers from counting in twos	I can spot odd and even numbers	Counting - section 8: Counting Multiples	N/A
3	**Solving numerical problems:** - use repeated addition to solve multiplication problems	I can solve repeated addition	Calculation – multiplication: Step 8	This question is designed for children that have been taught to use repeated addition for multiplication when they can not solve by instant recall. For example, children in Year 2 that are following the Big Maths 'Learn Its' schedule will only know multiples of 10, 5 and 2 by instant recall and so they are given questions here that encourage repeated addition.
4	**Operations, relationships between them :** • use the knowledge that subtraction is the inverse of addition - given 14, 6 and 8, make related number sentences 6 + 8 = 14, 14 – 8 = 6, 8 + 6 = 14, 14 – 6 = 8	I know the fact families for 1d + 1d facts	It's Nothing New - section 10: Fact Families	This question gives a number sentence (including the 'answer') since what is being tested is the ability to derive new facts not the ability to find totals.
5	**Mental methods:** - recall doubles to 10 + 10	I know my doubles facts	Learn Its: Y1 term 3	The children should not use a number line or any other resource to help them.

BIG MATHS... BEAT THAT!

CLIC Tests
~ Level 2 ~

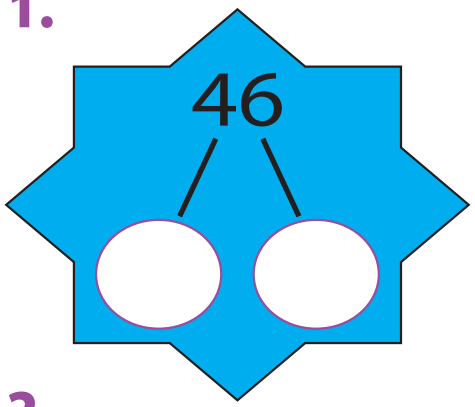
Questions 6 to 10

Q No.	APP Statement	'I Can...' statement	Location within Big Maths
6	**Solving numerical problems:** - add two-digit and one digit numbers, bridging tens where necessary	I can solve any 2d + 1d	Calculation – addition: Step 20
7	**Solving numerical problems:** - subtract two-digit and one digit numbers, bridging tens where necessary	I can take any 1 digit number from any 2 digit number	Calculation – subtraction: Step 18
8	**Mental methods:** - use mental recall of addition and subtraction facts to 10, e.g.- use addition/subtraction facts to 10 and place value to add or subtract multiples of 10, e.g. know 3 + 7 = 10 and use place value to derive 30 + 70 = 100	I can add 10s	It's Nothing New - section 2: Adding with Pim
9	**Mental methods:** • use mental recall of addition facts to 10	I know the missing piece to the next multiple of 10	It's Nothing New - section 4: Jigsaw Numbers
10	**Mental methods:** - use knowledge of doubles to 10 + 10 to derive corresponding halves	I can use my double facts to find halving facts	Learn Its: Y1 term 3

Name: _____

BIG MATHS BEAT THAT!

1.

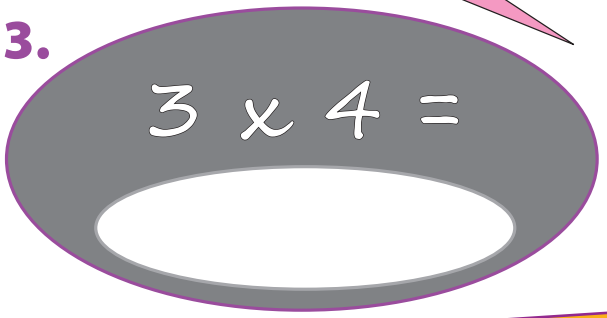


2.

Draw a ring around the **odd** numbers

46 71 19 8

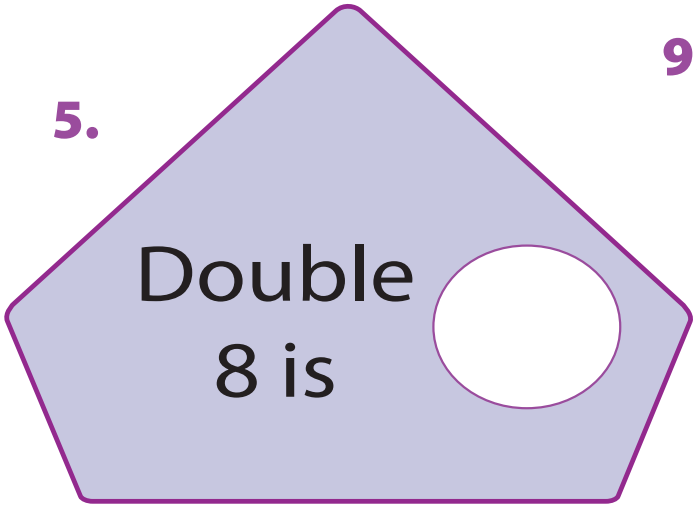
3.



4.

Write out the fact family for: 8 + 6 = 14

5.



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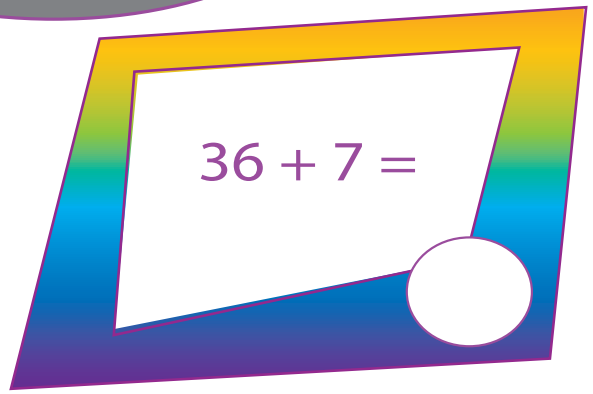

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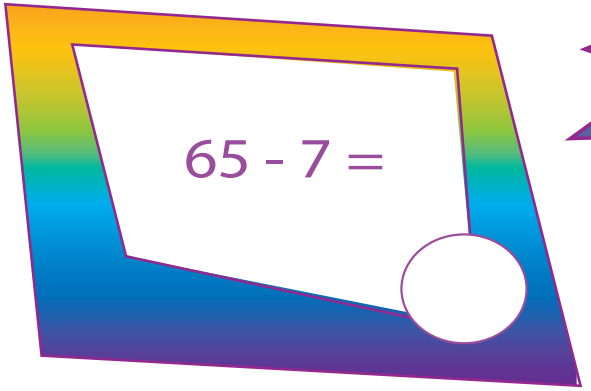

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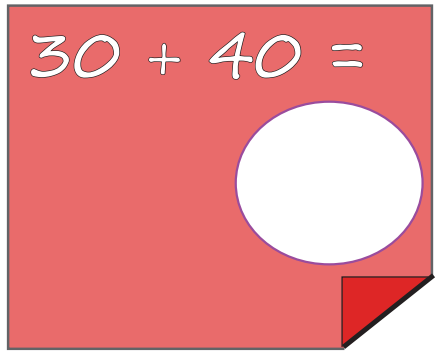

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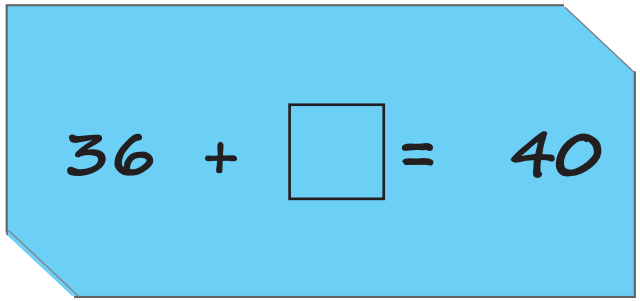

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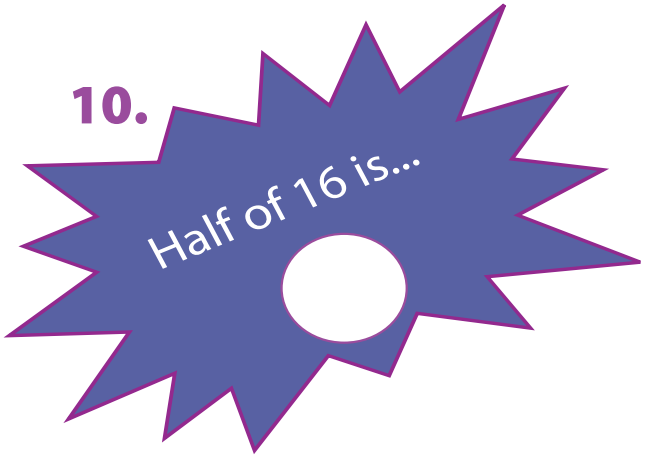


BIG MATHS... BEAT THAT!

CLIC Tests
~ Level 3 ~

Questions 1 to 5

Q No.	APP Statement	'I Can...' statement	Location within Big Maths
1	**Numbers and the number system:** • Understand place value in numbers up to 1000	I can partition a 3 digit number	Counting - section 3: Squiggleworth
2	**Written methods:** • divide 2 digit numbers by 2, 3, 4 or 5 with whole number answers and remainders, e.g. 49 ÷ 3	I can combine 2 or more tables facts to solve division	Calculation – division: Step 19
3	**Mental methods:** • use mental recall of the 2, 3, 4, 5 and 10 multiplication tables	I can multiply multiples of 10 (2, 3, 4 and 5 tables only)	It's Nothing New - section 6: Smile Multiplication
4	**Operations, relationships between them:** • derive associated division facts from known multiplication facts, e.g. *- given a number sentence, use understanding of operations to create related sentences, e.g. given 14 x 5 = 70, create 5 x 14 = 70, 70 ÷ 5 = 14, 70 ÷ 14 = 5*	When given a single fact, I know the Fact Family	It's Nothing New - section 10: Fact Families
5	**Fractions and decimals:** • begin to use decimal notation	I can partition a 1 dp number	Counting - section 3: Squiggleworth

BIG MATHS... BEAT THAT!

CLIC Tests
~ Level 3 ~

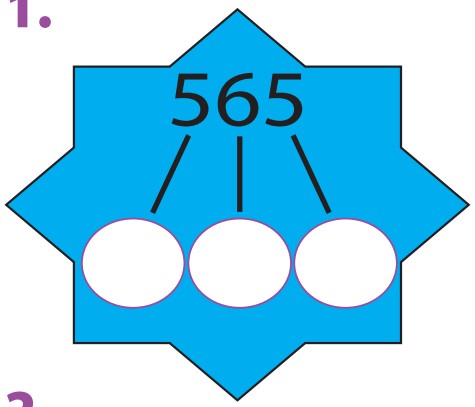
Questions 6 to 10

Q No.	APP Statement	'I Can...' statement	Location within Big Maths
6	**Written methods:** • add three-digit numbers using written method	I can solve any 3d add 3d	Calculation – addition: Step 29
7	**Written methods:** • subtract three-digit numbers using written method, e.g. - use written methods that involve bridging 10 or 100	I can solve any 3d take 3d	Calculation – subtraction: Step 32
8	**Numbers and the number system:** • use understanding of place value to multiply/divide whole numbers by 10 (whole number answers)	I can multiply and divide whole numbers by 10	It's Nothing New - section 5: Multiplying by 10
9	**Mental methods:** - calculate complements to 100 such as 100-24	I know the missing piece to 100	It's Nothing New - section 4: Jigsaw Numbers
10	**Written methods:** • multiply 2 digit numbers by 2, 3, 4 or 5	I can solve 2d X 1d	Calculation – multiplication: Step 11

Name: _____

BIG MATHS BEAT THAT!

1.



2.

73 ÷ 5 = ○

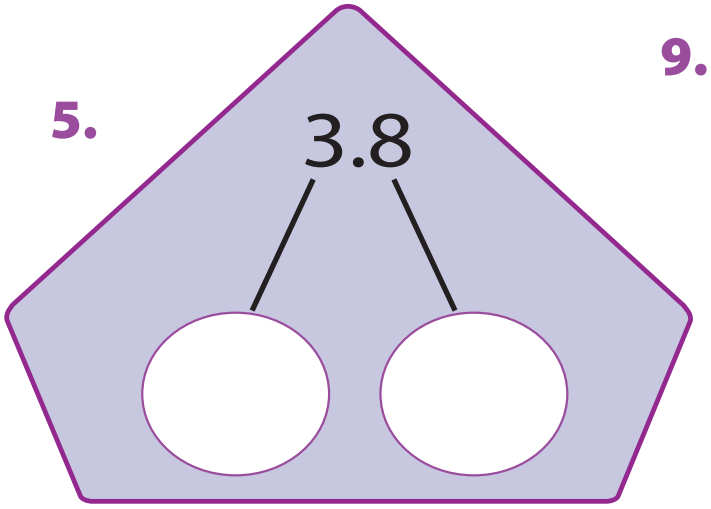
3.

30 x 80 = ○

4. Write out the fact family for:

13 + 68 = 81	

5.



6.

456 + 278 = ○

7.

312 - 149 = ○

8.

54 x 10 = ○

320 ÷ 10 = ○

9.

36 + □ = 100

10.

45 x 5 = ○

BIG MATHS... BEAT THAT!

CLIC Tests
~ Level 4 ~

Questions 1 to 5

Q No.	APP Statement	'I Can...' statement	Location within Big Maths
1	**Fractions, decimals, percentages and ratio and proportion:** • order decimals to three decimal places	I can partition a 3 dp number	Counting - section 3: Squiggleworth
2	**Numbers and the number system:** • recognise number relationships including multiple, factor and square	I know what a multiple, factor, square number is	It's Nothing New - section 9: Pom's Words
3	**Mental, written and calculator methods:** - use efficient written methods of division	I can combine 2 or more tables facts to solve division	Calculation – division: Step 27
4	**Fractions, decimals, percentages and ratio and proportion:** • recognise simple equivalence between fractions, decimals and percentages e.g. ½, ¼, 1/10, ¾	I can write fractions as decimals and percentages	Counting - section 9: Count Fourways
5	**Mental, written and calculator methods:** - use efficient written methods of multiplication	I can solve 2 digit X 2 digit	Calculation – multiplication: Step 16

BIG MATHS... BEAT THAT!

CLIC Tests
~ Level 4 ~

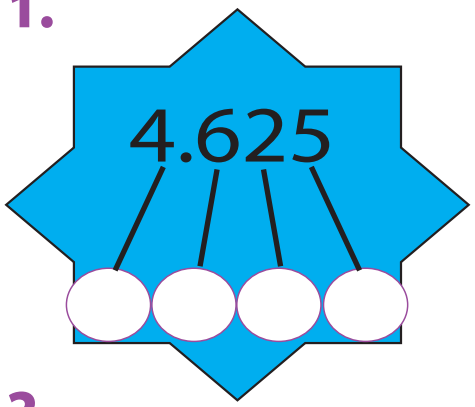
Questions 6 to 10

Q No.	APP Statement	'I Can...' statement	Location within Big Maths
6	**Mental, written and calculator methods:** - add decimals to two places	I can solve any additions with 2dp	Calculation – addition: Step 37
7	**Mental, written and calculator methods:** - subtract decimals to two places	I can subtract numbers with hundredths	Calculation – subtraction: Step 34
8	**Numbers and the number system:** • use place value to multiply and divide whole numbers by 10 or 100	I can multiply/divide whole numbers by 10, 100	It's Nothing New - section 5: Multiplying by 10
9	**Mental, written and calculator methods:** - calculate complements to 100 such as 100-24	I know the missing piece to 1000	It's Nothing New - section 4: Jigsaw Numbers
10	**Mental, written and calculator methods:** • multiply a simple decimal by a single digit	I can multiply tenths	Calculation – Multiplication: Step 17

Name: _____

BIG MATHS BEAT THAT!

1.



2.

Write a square number between 10 and 30

3.

500 ÷ 7 =

4.

$\frac{1}{4}$ = ( ) = ( )

fraction decimal percentage

5.

35 x 28 =

6.

2.68 + 1.35 =

7.

4.32 - 1.79 =

8.

28 x 100 =

715 ÷ 10 =

9.

348 + ☐ = 1000

10.

2.3 x 4 =

BIG MATHS... BEAT THAT!

CLIC Tests
~ Level 5 ~

Questions 1 to 5

Q No.	APP Statement	'I Can...' statement	Location within Big Maths
1	**Mental, written and calculator methods:** • divide decimal numbers by a single digit	I can combine 2 or more tables facts to solve decimal division	Calculation – division: Step 33
2	**Fractions, decimals, percentages and ratio and proportion:** • Order decimals, e.g. - order decimals that have a mixture of one, two or three decimal places	I can order numbers with different decimal places	Counting - section 4: Ordering Numbers
3	**Mental, written and calculator methods:** - understand and use an appropriate non-calculator method for solving problems that involve dividing any three-digit number by any two-digit number	I can combine 2 or more coin facts to solve division	Calculation – division: Step 31
4	**Fractions, decimals, percentages and ratio and proportion:** • use equivalence between fractions, e.g. - convert fractions such as 2/5 into tenths or hundredths and express them as decimals or percentages and vice versa	I can write fractions as decimals and percentages	Counting - section 9: Count Fourways
5	**Mental, written and calculator methods:** • understand and use an appropriate non-calculator method for solving problems that involve multiplying any three-digit number by any two-digit number	I can solve 3 digit X 2 digit	Calculation – multiplication: Step 19

BIG MATHS... BEAT THAT!

CLIC Tests
~ Level 5 ~

Questions 6 to 10

Q No.	APP Statement	'I Can...' statement	Location within Big Maths
6	**Mental, written and calculator methods:** - add numbers that do not have the same number of decimal places	I can solve any 2dp + 1dp	Calculation – addition: Step 41
7	**Mental, written and calculator methods:** - subtract numbers that do not have the same number of decimal places	I can subtract numbers with different decimal places	Calculation – subtraction: Step 37
8	**Numbers and the number system:** • use understanding of place value to multiply and divide whole numbers and decimals by 10, 100 and 1000	I can multiply/divide whole numbers and decimals by 10, 100, 1000	It's Nothing New - section 5: Multiplying by 10
9	**Operations, relationships between them:** • use known facts, place value and knowledge of operations to calculate, e.g. - calculate decimal complements to 10 or 100 such as 100 – 63.8	I know the missing decimal piece	It's Nothing New - section 4: Jigsaw Numbers
10	**Mental, written and calculator methods:** • use all four operations with decimals to two places - multiply decimal numbers by a single digit	I can multiply hundredths	Calculation – multiplication: Step 18

Name: _____

BIG MATHS BEAT THAT!

1.

42.4 ÷ 8 =

2.

Write these numbers in order...

1.3 1.113 1.31 1.13

3.

642 ÷ 21 =

4.

$\frac{2}{5}$ = ( ) = ( )

fraction decimal percentage

5.

619 x 77 =

6.

45.7 + 8.68 =

7.

4.2 - 1.32 =

8.

3.07 x 1000 =

53.6 ÷ 1000 =

9.

3.4 + ☐ = 10

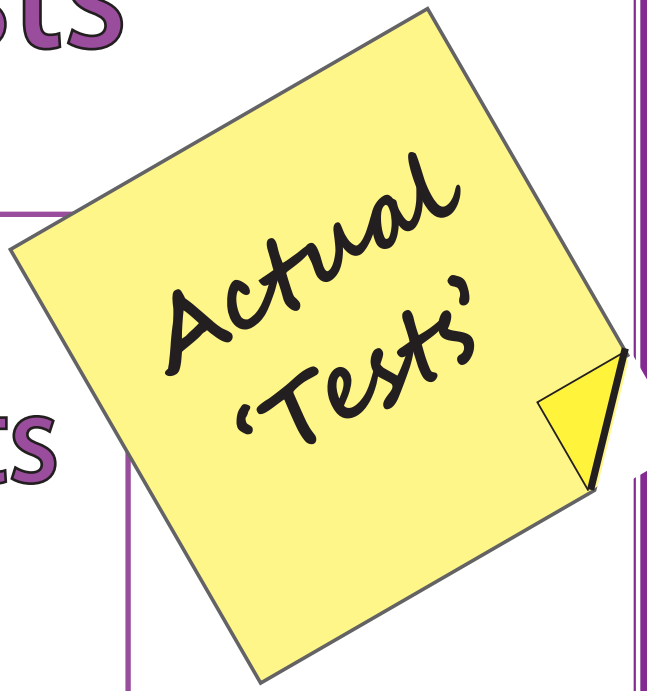
10.

4.78 x 7 =

‘Big Maths, Beat That’

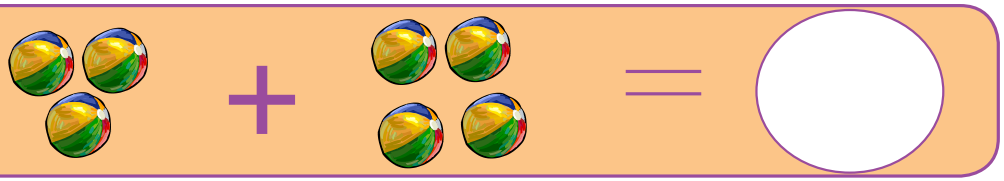
CLIC Level Tests

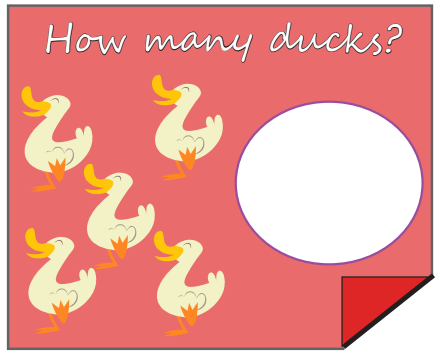
Weekly Key Assessments For Up-levelling



Week One

Name: _____





BIG MATHS BEAT THAT!

Write these numbers in order

8	2	4

One more than 3 is?

Double 4 is

6 + ☐ = 10

5 take away 3 is...

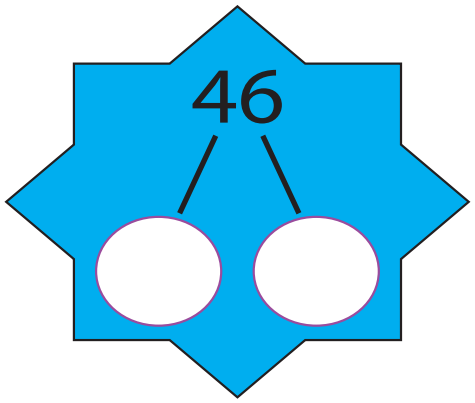
3 + 6 =

Half of 8 is...

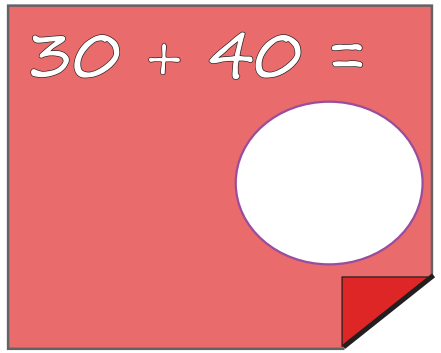
L1
1

Name: _____

BIG MATHS BEAT THAT!

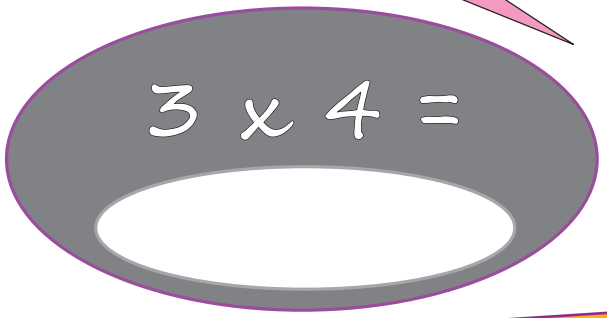


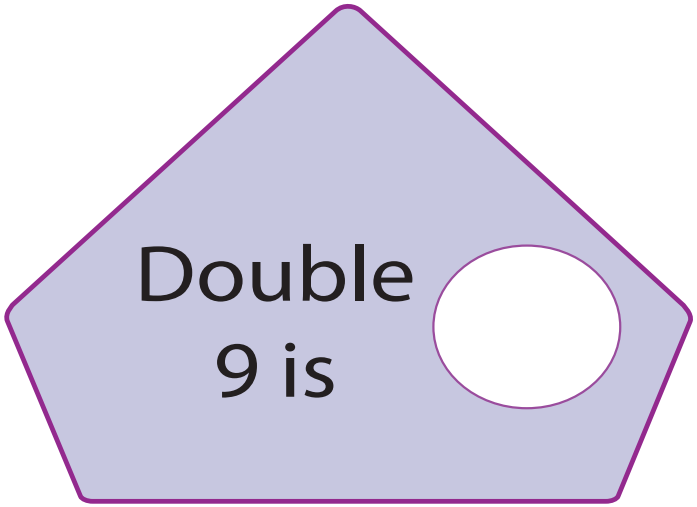
Write out the fact family for: 8 + 6 = 14

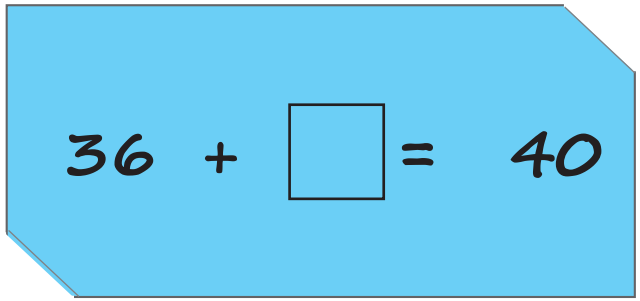


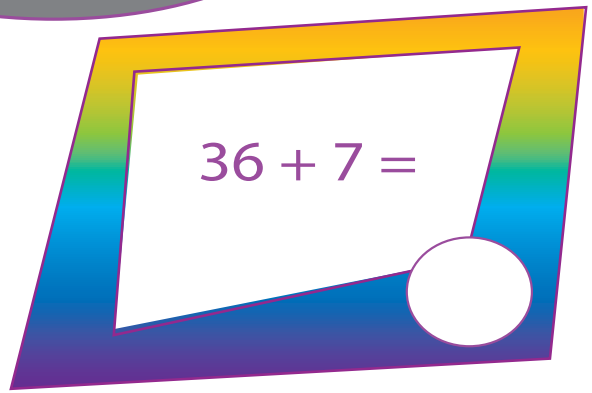
Draw a ring around the **odd** numbers

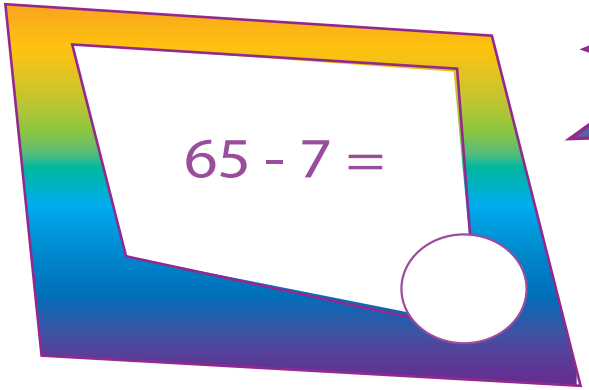
46 71 19 8







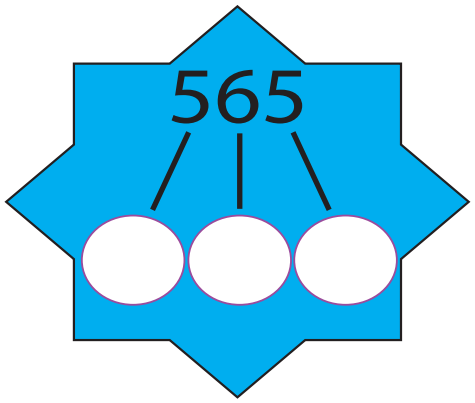




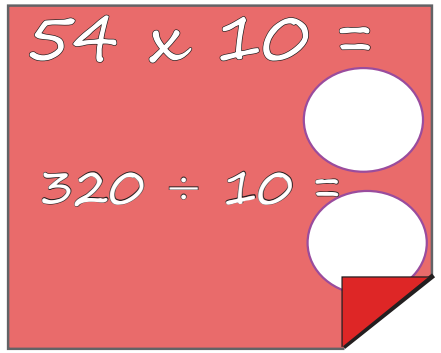
L2
1

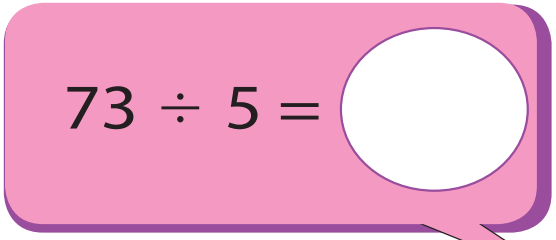
Name: _____

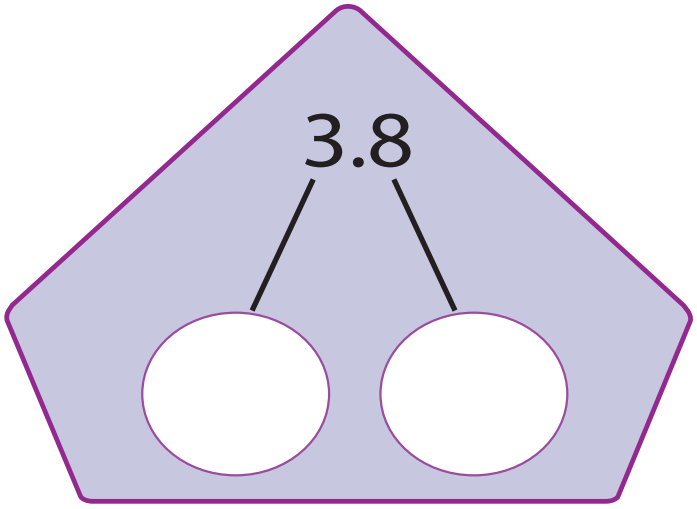
BIG MATHS BEAT THAT!

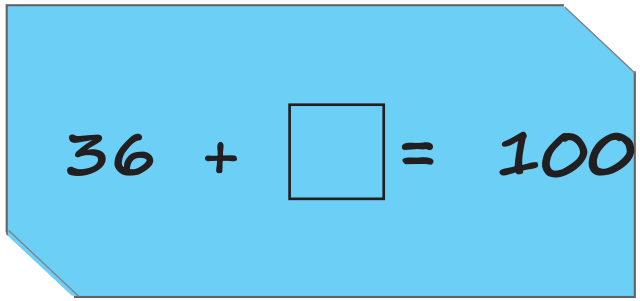


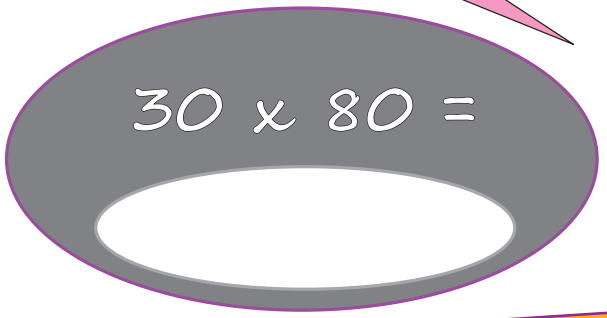
Write out the fact family for: 13 + 68 = 81

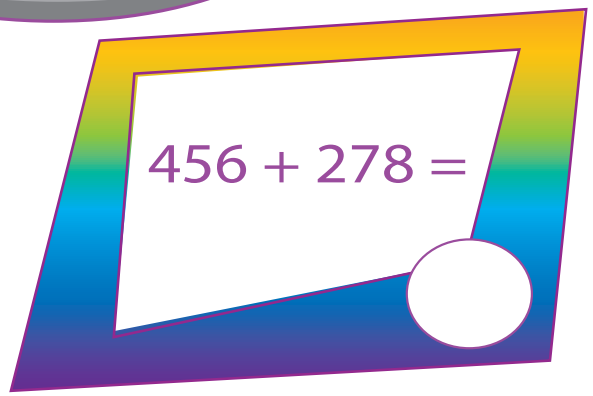


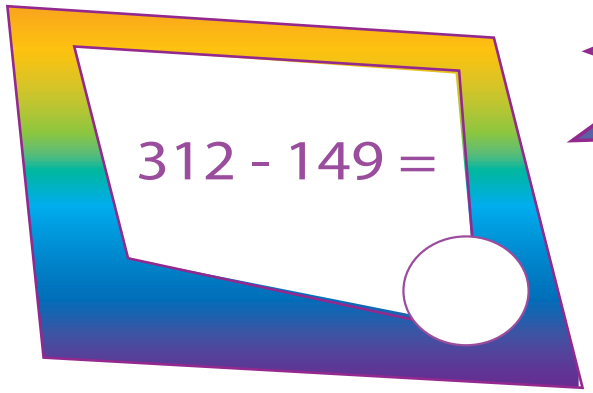


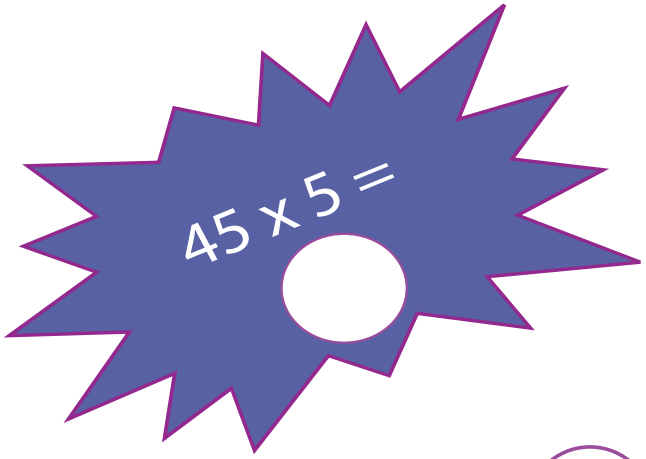












L3
1

Name: _____

BIG MATHS BEAT THAT!

4.625

fraction		decimal		percentage
1/4	=		=	

28 x 100 =

715 ÷ 10 =

Write a square number between 10 and 30

500 ÷ 7 =

35 x 28 =

348 + □ = 1000

2.3 x 4 =

2.68 + 1.35 =

4.32 - 1.79 =

Name: _____

BIG MATHS BEAT THAT!

42.4 ÷ 8 =

fraction		decimal		percentage
2/5	=		=	

3.07 x 1000 =

53.6 ÷ 1000 =

Write these numbers in order...

1.3, 1.113, 1.31, 1.13

651 ÷ 21 =

619 x 77 =

3.4 + □ = 10

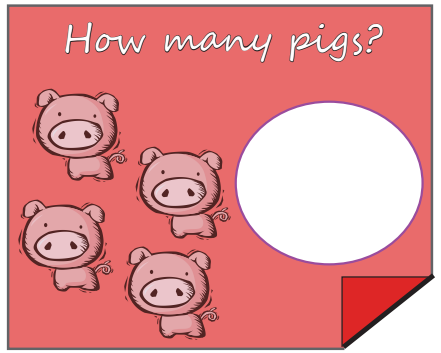
4.78 x 7 =

45.7 + 8.68 =

4.2 - 1.32 =

Week Two

Name: _____



BIG MATHS BEAT THAT!

Write these numbers in order

5	2	3

1 less than 5 is?

Double 2 is

3 + ☐ = 10

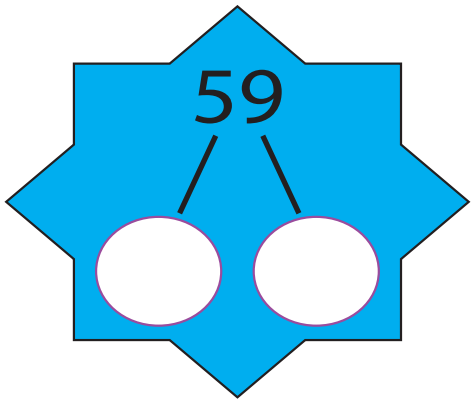
4 take away 3 is...

6 + 2 =

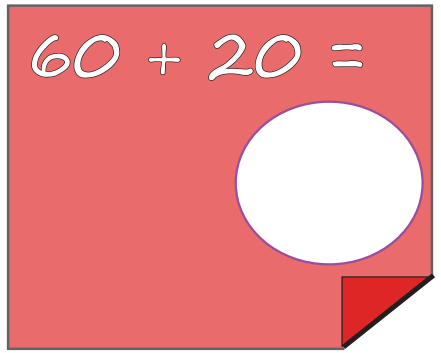
Half of 12 is...

Name: _____

BIG MATHS BEAT THAT!



Write out the fact family for: 3 + 8 = 11



Draw a ring around the **even** numbers

35 64 79 12

3 x 6 =

Double 7 is

25 + ☐ = 30

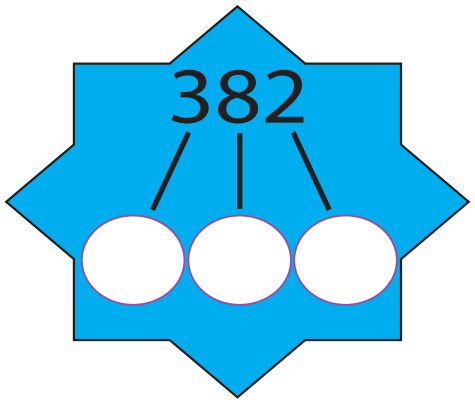
45 + 6 =

56 - 8 =

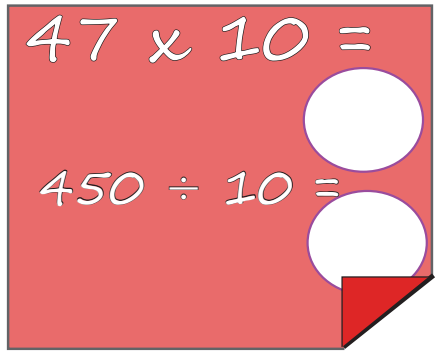
Half of 18 is...

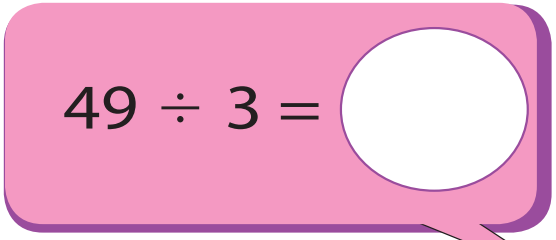
Name: _____

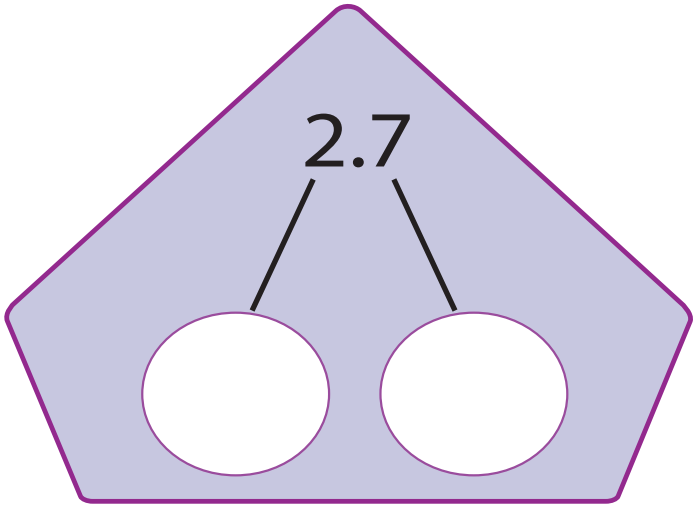
BIG MATHS BEAT THAT!

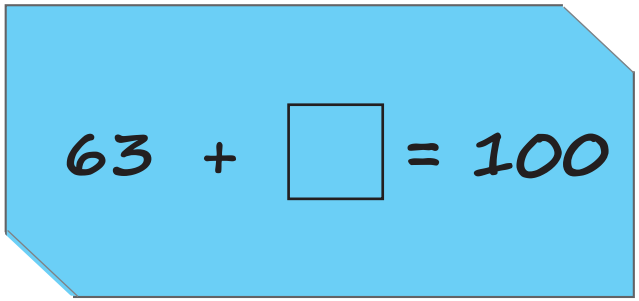


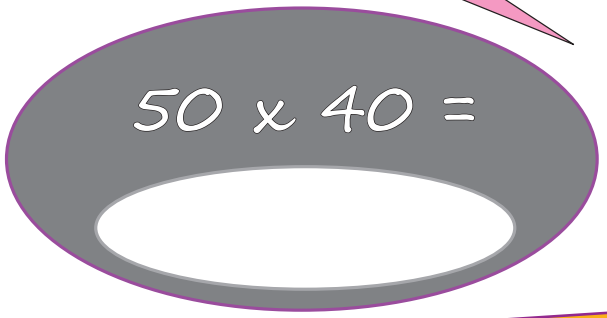
Write out the fact family for: 63 x 14 = 882

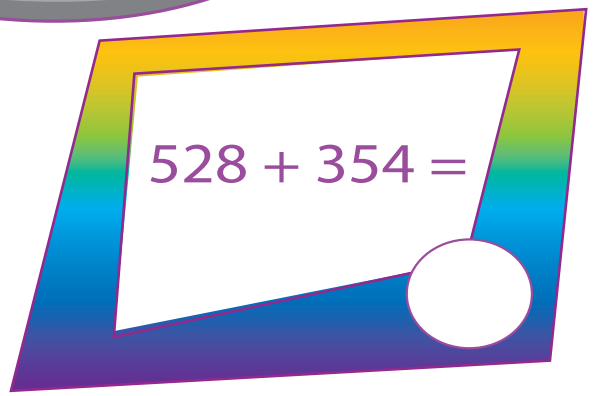


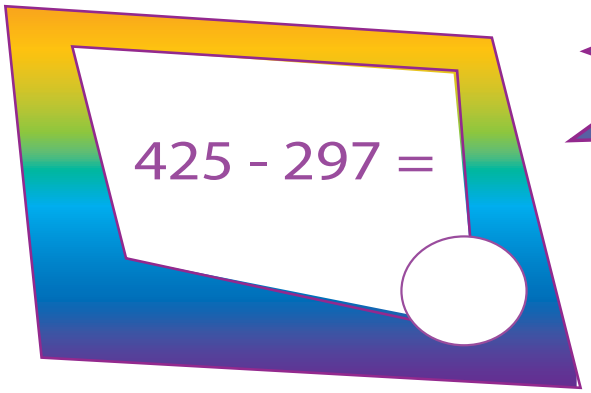


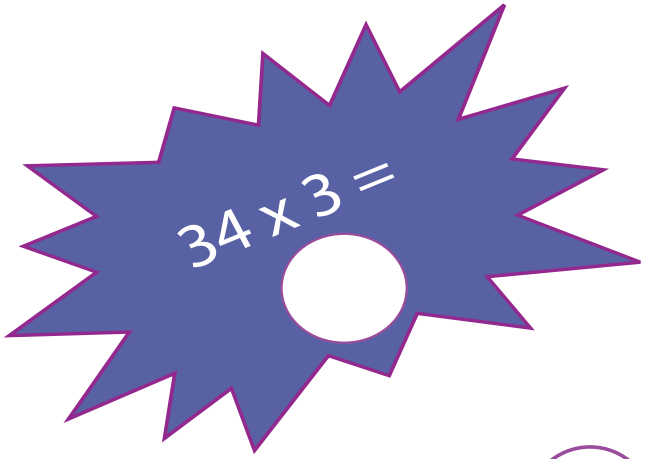












Name: _____

BIG MATHS BEAT THAT!

3.818

fraction		decimal		percentage
$\frac{1}{2}$	=		=	

28 x 100 =

715 ÷ 10 =

Write three **factors** of 24...

410 ÷ 6 =

68 x 19 =

675 + □ = 1000

4.5 x 7 =

5.92 + 4.82 =

2.44 - 1.55 =

Name: _____

BIG MATHS BEAT THAT!

33.6 ÷ 6 =

$\frac{4}{5}$ = ( ) = ( )

fraction decimal percentage

5.32 x 1000 = ( )

81.1 ÷ 1000 = ( )

Write these numbers in order...

2.88 8.2 8.822 8.28

381 x 29 =

43.5 + ☐ = 100

169 ÷ 13 =

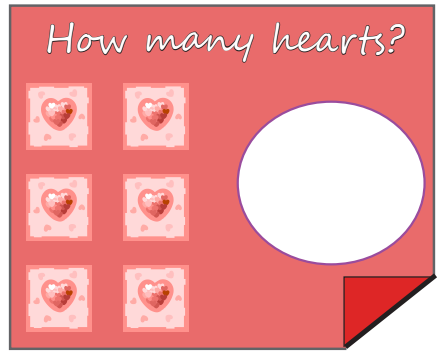
2.38 x 3 =

6.8 + 20.68 =

16.4 - 8.87 =

Week Three

Name: _____



BIG MATHS BEAT THAT!

Write these numbers in order

7	9	2

1 more than 4 is?

Double 5 is

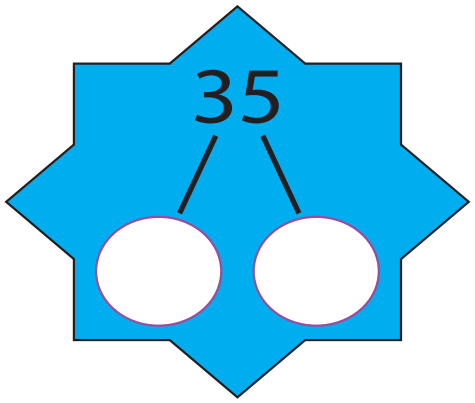
7 + ☐ = 10

5 take away 1 is...

7 + 2 =

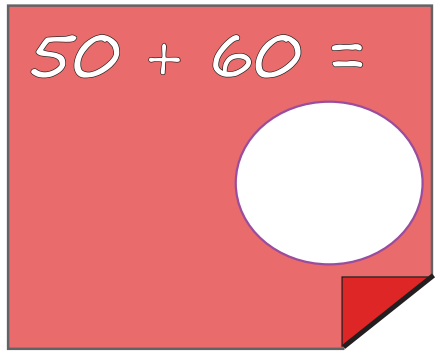
Half of 14 is...

Name: _____



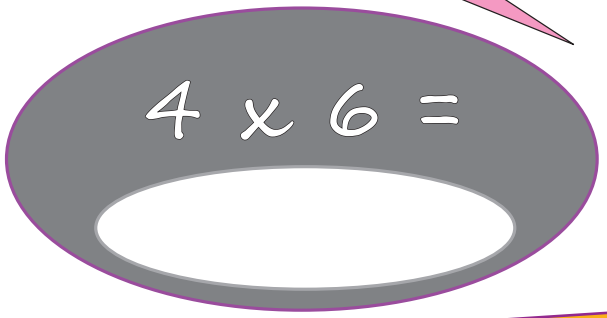
Write out the fact family for: 5 + 7 = 12

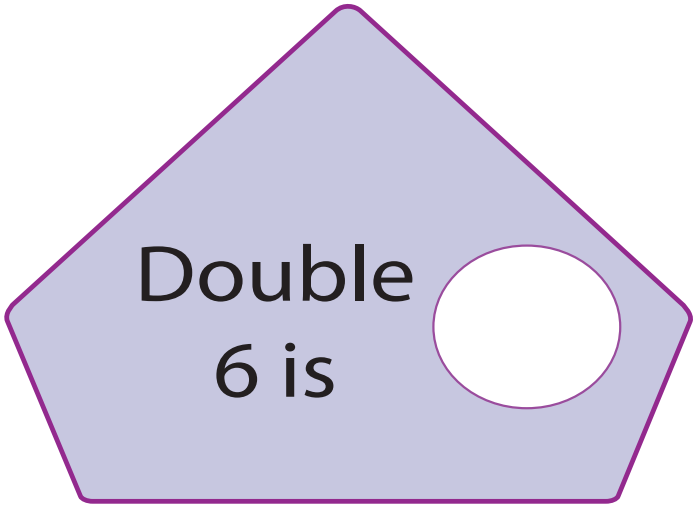
BIG MATHS BEAT THAT!

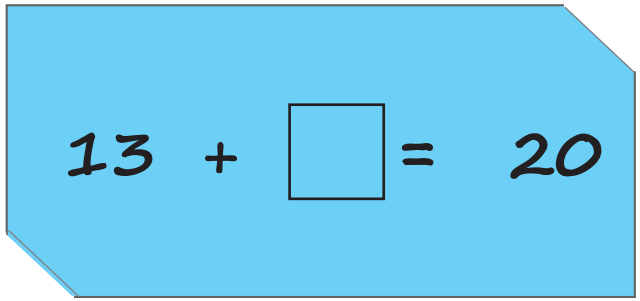


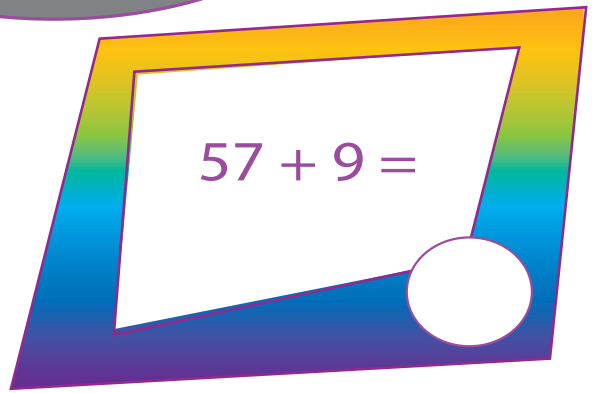
Draw a ring around the **odd** numbers

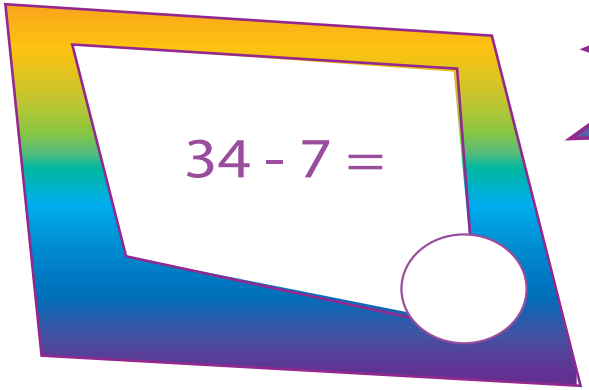
10 7 81 92







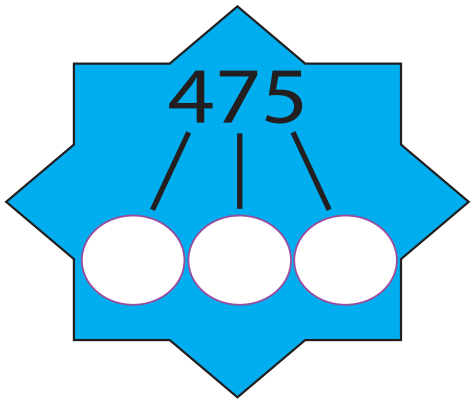




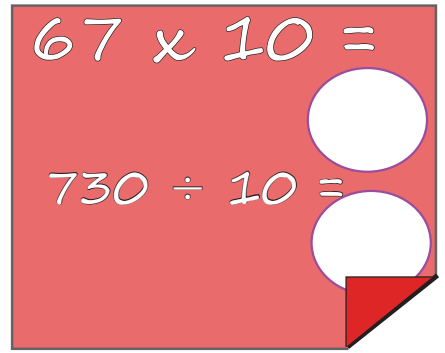
L2
3

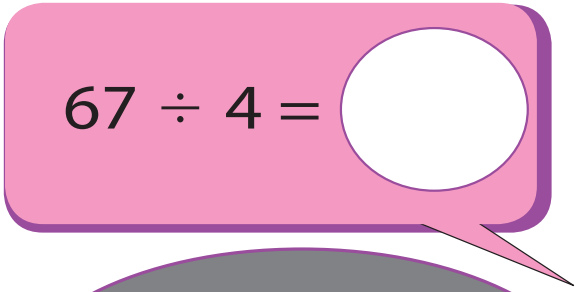
Name: _____

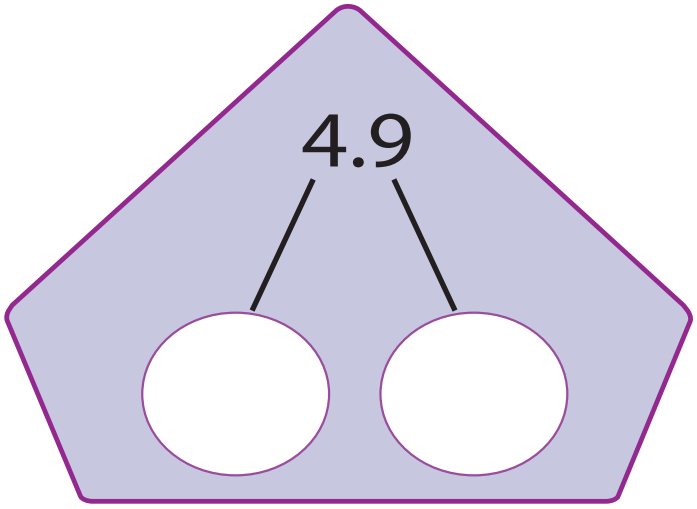
BIG MATHS BEAT THAT!

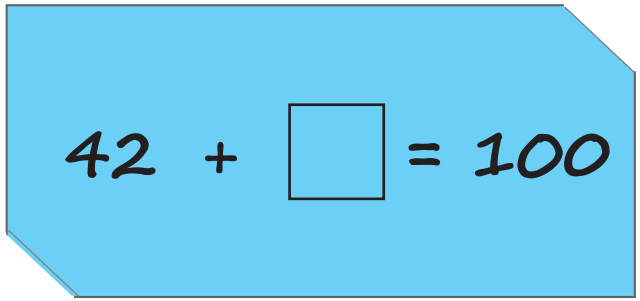


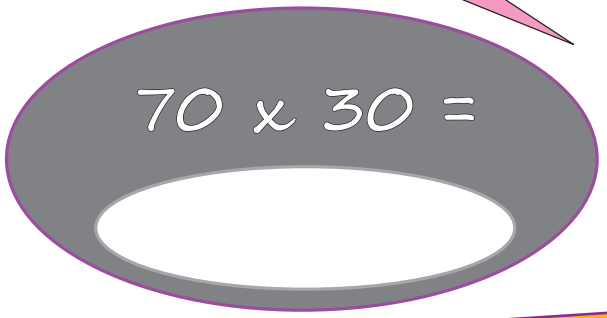
Write out the fact family for: 67 + 24 = 91

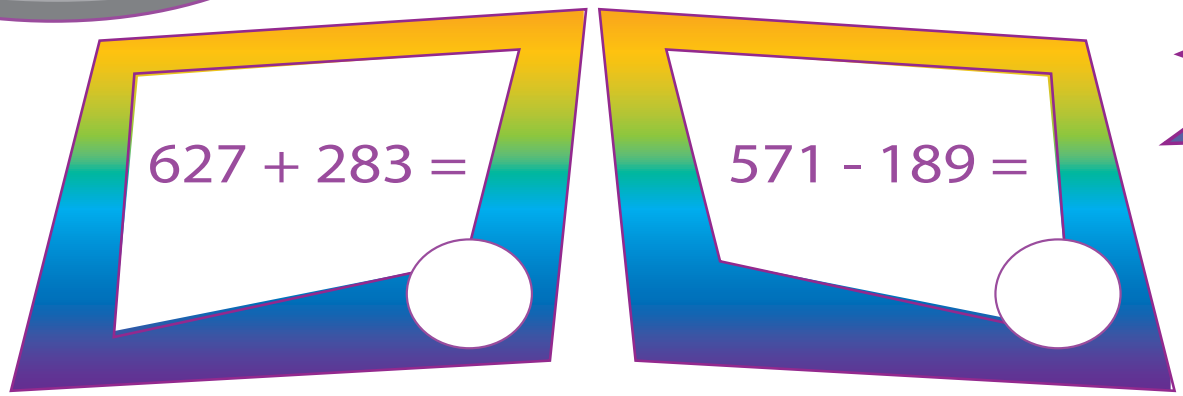


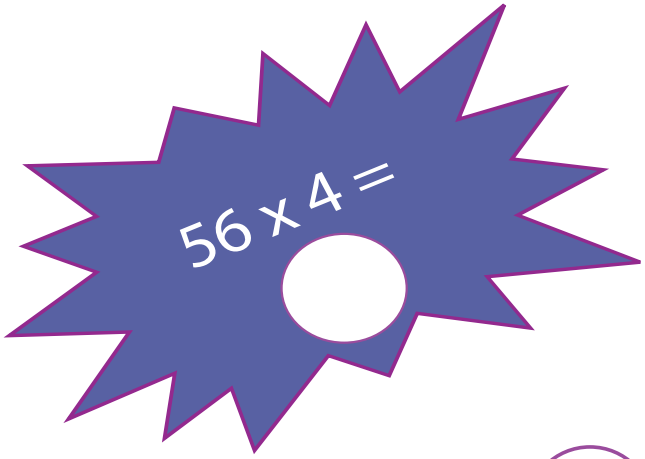












L3
3

Name: _____

BIG MATHS BEAT THAT!

9.729

$\frac{1}{10}$	=		=	
fraction		decimal		percentage

16 x 100 =

462 ÷ 10 =

Write a **multiple** of 8 between 20 and 35

730 ÷ 8 =

52 x 72 =

289 + □ = 1000

7.6 x 3 =

7.82 + 7.96 =

5.45 - 2.67 =

L4
3

Name: _____

BIG MATHS BEAT THAT!

$\frac{3}{10}$	=		=	
fraction		decimal		percentage

21.6 ÷ 4 =

7.31 x 1000 =

7.6 ÷ 1000 =

Write these numbers in order...

4.54 4.454 4.45 4.5

672 ÷ 32 =

844 x 91 =

6.7 + ☐ = 10

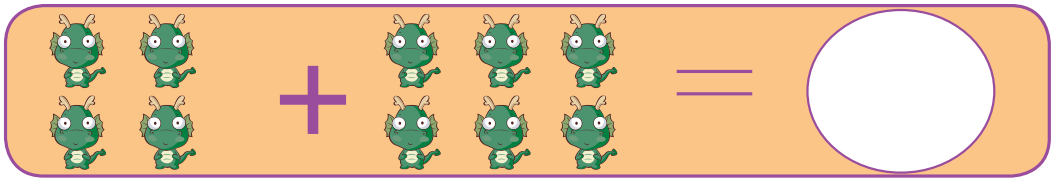
35.9 + 3.77 =

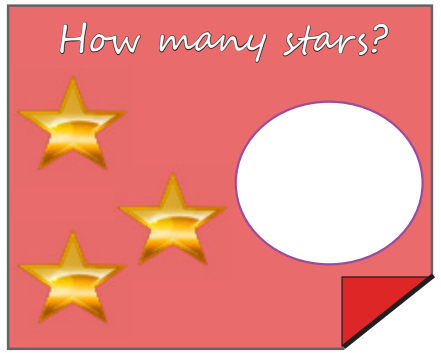
11.26 - 6.8 =

4.17 x 6 =

Week Four

Name: _____





BIG MATHS BEAT THAT!

Write these numbers in order

6	4	8

1 less than 7 is?

Double 5 is

2 + ☐ = 10

9 take away 6 is...

5 + 4 =

Half of 8 is...

L1
4

Name: _____

BIG MATHS BEAT THAT!

71

Write out the fact family for: 7 + 8 = 15

70 + 40 =

Draw a ring around the **even** numbers

43 12 66 39

3 x 8 =

Double 9 is

32 + ☐ = 40

Half of 12 is...

63 + 8 =

71 - 5 =

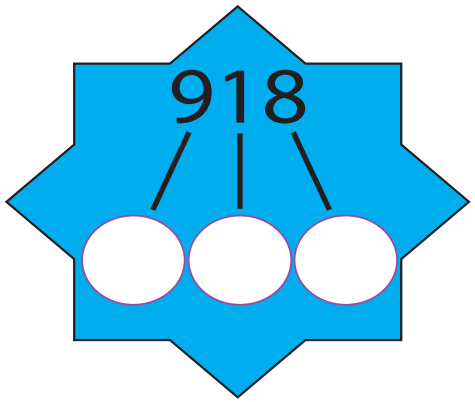
L2
4

Name: _____

BIG MATHS BEAT THAT!

Write out the fact family for:

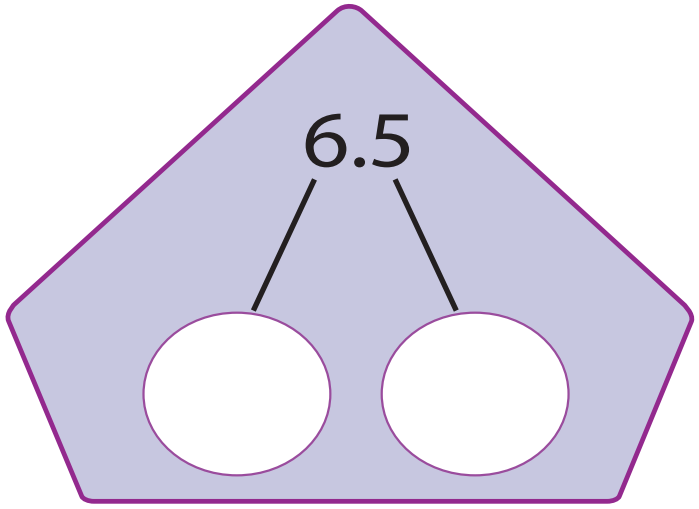
24 x 17 = 408



29 x 10 =

810 ÷ 10 =

81 ÷ 5 =



81 + □ = 100

50 x 60 =

93 x 5 =

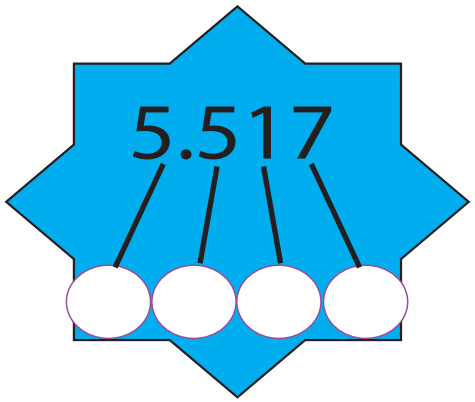
218 + 354 =

604 - 265 =

L3
4

Name: _____

BIG MATHS BEAT THAT!



$\frac{3}{4}$ = ( ) = ( )

fraction decimal percentage

77 x 100 = ( )

371 ÷ 10 = ( )

Write a **square** number between 80 and 110 ( )

298 ÷ 9 = ( )

68 x 84 = ( )

833 + □ = 1000

4.38 + 8.88 = ( )

7.24 - 3.68 = ( )

6.2 x 8 = ( )

Name: _____

BIG MATHS BEAT THAT!

46.8 ÷ 9 =

( ) fraction = 0.6 decimal = ( ) percentage

7.33 x 1000 = ( )

71.2 ÷ 1000 = ( )

Write these numbers in order...

6.13, 6.11, 1.63, 6.131

268 x 43 =

62.7 + □ = 100

864 ÷ 16 =

7.5 + 27.82 =

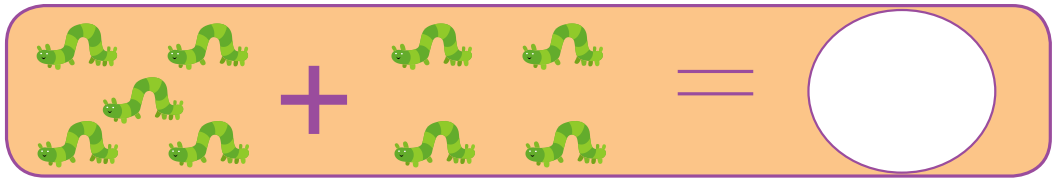
31.6 - 8.82 =

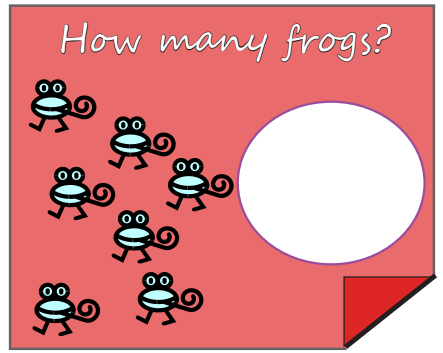
2.39 x 5 = ( )

L5
4

Week Five

Name: _____





BIG MATHS BEAT THAT!

Write these numbers in order

2	9	1

1 more than 7 is?

Double 1 is

4 + ☐ = 10

7 take away 4 is...

6 + 3 =

Half of 14 is...

L1
5

Name: _____

BIG MATHS BEAT THAT!

84

Write out the fact family for: 8 + 9 = 17

40 + 40 =

Draw a ring around the **odd** numbers

97 45 68 5

4 x 4 =

Double 10 is

74 + ☐ = 80

66 + 8 =

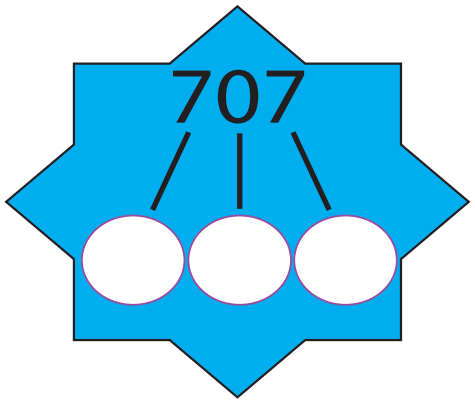
42 - 7 =

Half of 16 is...

L2
5

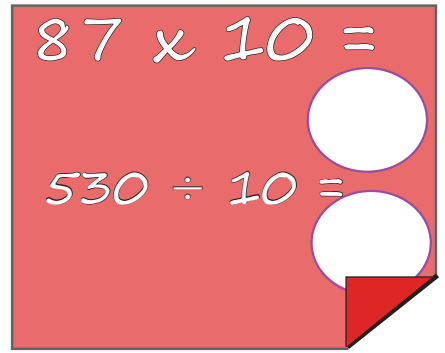
Name: _____

BIG MATHS BEAT THAT!

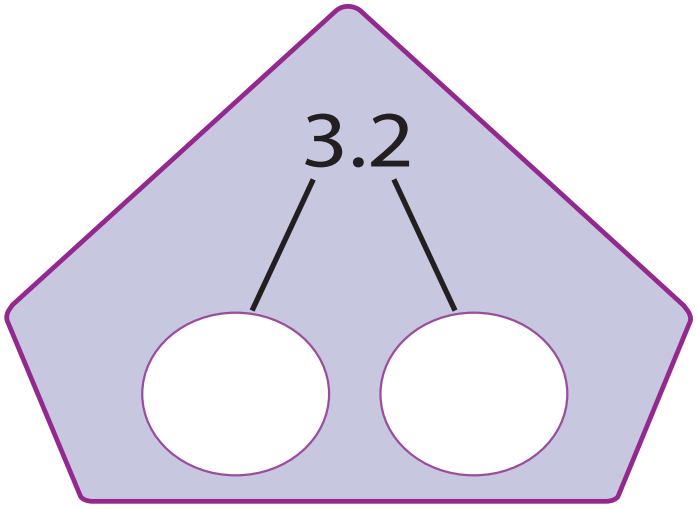


Write out the fact family for:

43 + 29 = 72



55 ÷ 3 =



57 + □ = 100

90 x 20 =

392 + 456 =

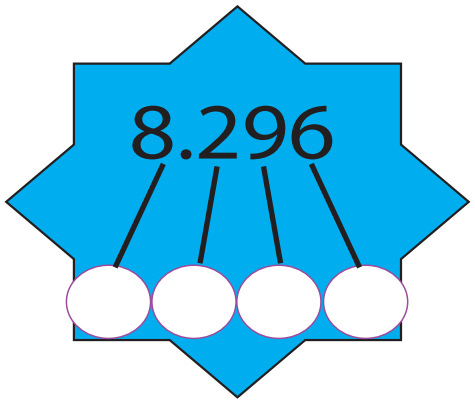
777 - 388 =

47 x 6 =

L3
5

Name: _____

BIG MATHS BEAT THAT!



fraction	decimal	percentage
1/4		

92 x 100 =

823 ÷ 10 =

Write three **factors** of 32...

250 ÷ 3 =

71 x 17 =

265 + □ = 1000

3.94 + 9.45 =

3.45 – 1.65 =

3.5 x 5 =

L4
5

Name: _____

BIG MATHS BEAT THAT!

$\frac{8}{10}$ = ( ) = ( )

fraction decimal percentage

23.7 ÷ 3 = ( )

8.12 x 1000 = ( )

40.1 ÷ 1000 = ( )

Write these numbers in order...

7.39 7.779 7.97 7.79

572 ÷ 26 = ( )

787 x 35 = ( )

2.8 + ( ) = 10

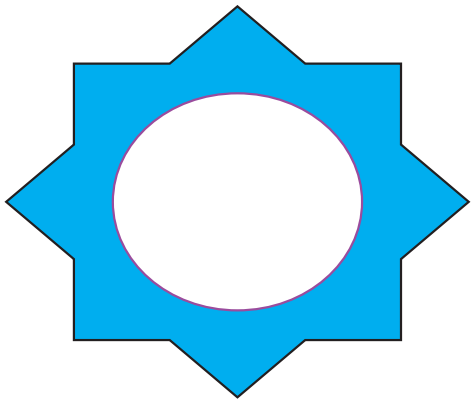
9.81 x 9 = ( )

95.7 + 11.11 = ( )

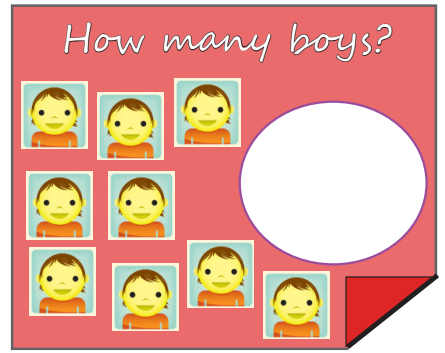
7.8 - 4.87 = ( )

Week Six

Name: _____



BIG MATHS BEAT THAT!



Write these numbers in order

8	5	7

1 less than 8 is?

Double 4 is

1 + ☐ = 10

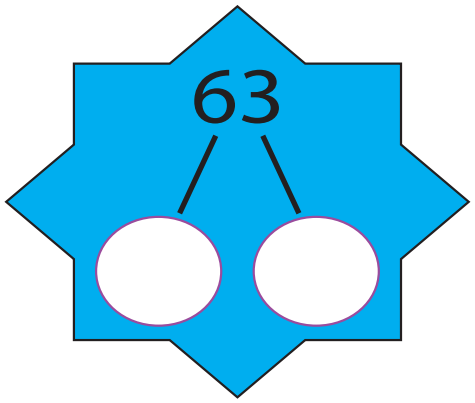
9 take away 8 is...

5 + 3 =

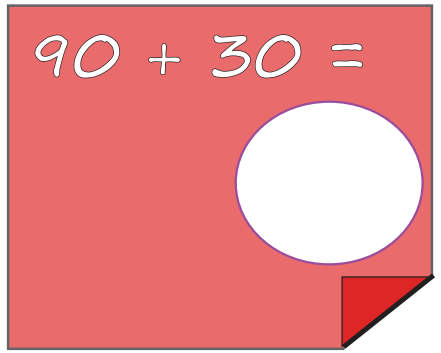
Half of 8 is...

Name: _____

BIG MATHS BEAT THAT!



Write out the fact family for: 9 + 5 = 14



Draw a ring around the **even** numbers

52 33 46 70

3 x 3 =

Double 8 is

31 + ☐ = 40

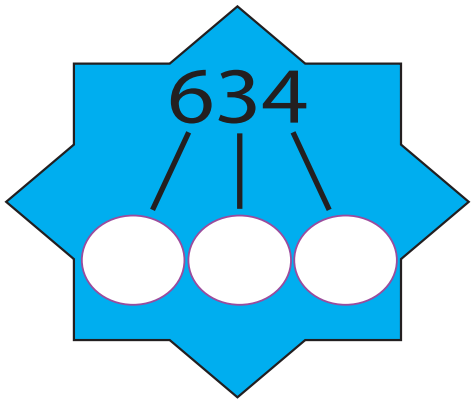
86 + 5 =

43 - 6 =

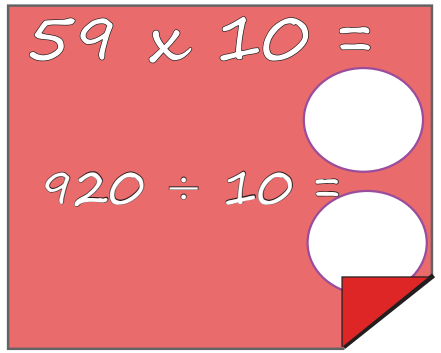
Half of 20 is...

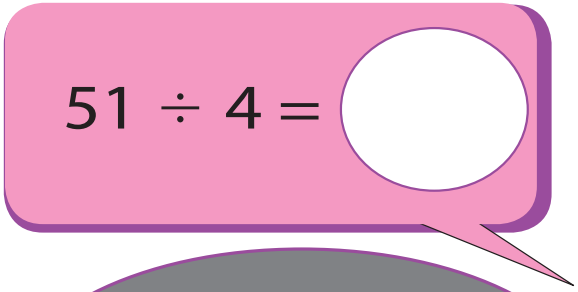
Name: _____

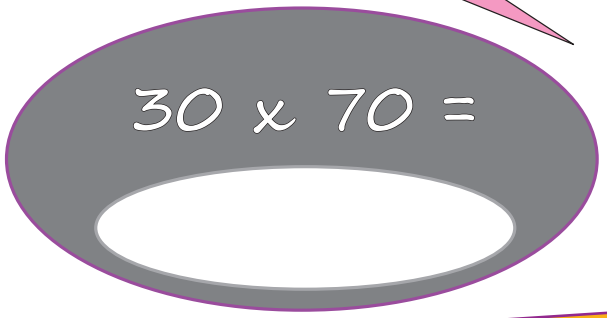
BIG MATHS BEAT THAT!

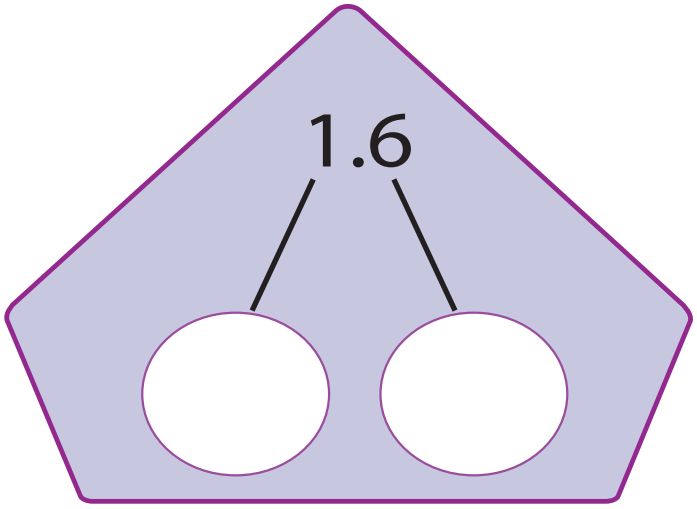


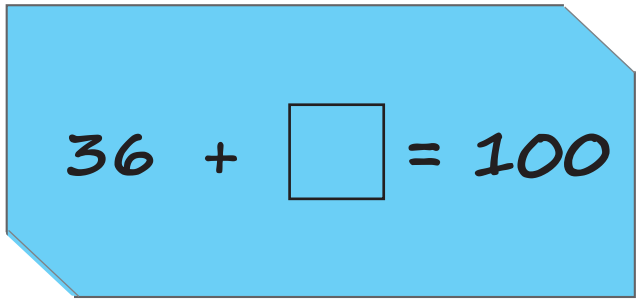
Write out the fact family for: 13 x 15 = 195

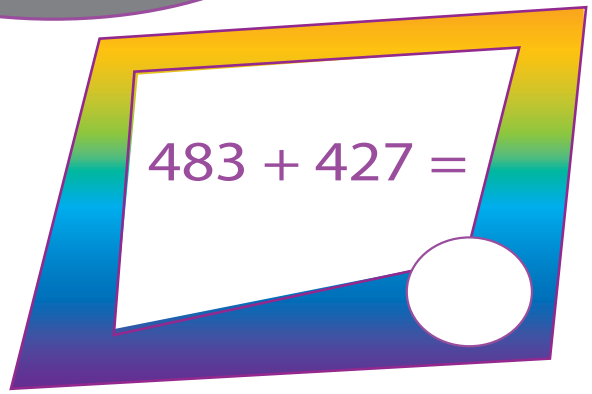


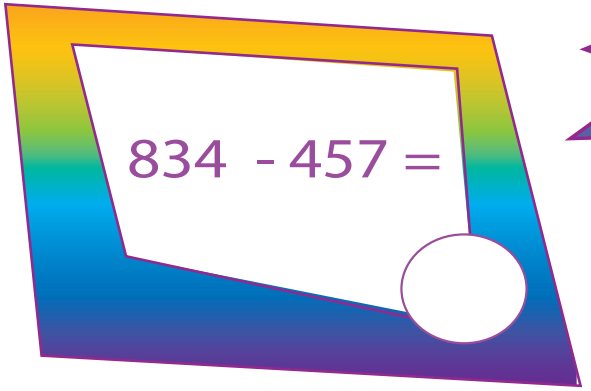


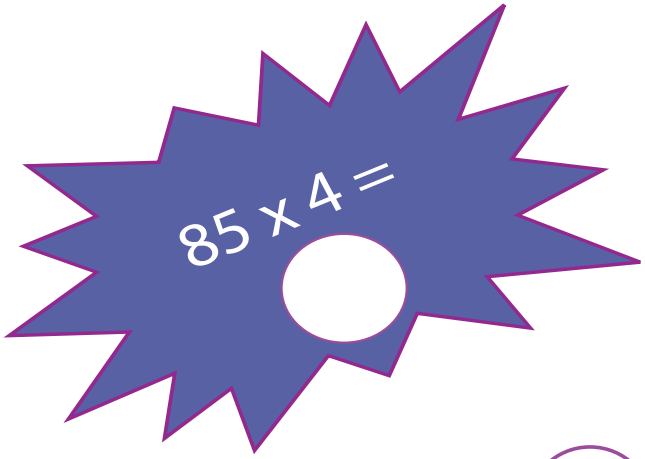












L3
6

Name: _____

BIG MATHS BEAT THAT!

7.484

$\frac{1}{2}$ = ( ) = ( )

fraction decimal percentage

29 x 100 =

343 ÷ 10 =

Write a **multiple** of 6 between 40 and 55

89 x 33 =

478 + □ = 1000

488 ÷ 5 =

6.68 + 4.49 =

5.23 – 2.97 =

7.1 x 3 =

L4
6

Name: _____

BIG MATHS BEAT THAT!

38.5 ÷ 5 =

fraction = decimal = 70%

94.3 x 1000 =

7.7 ÷ 1000 =

Write these numbers in order...

1.2, 1.211, 2.1, 1.12

911 x 69 =

81.1 + □ = 100

399 ÷ 19 =

5.09 x 4 =

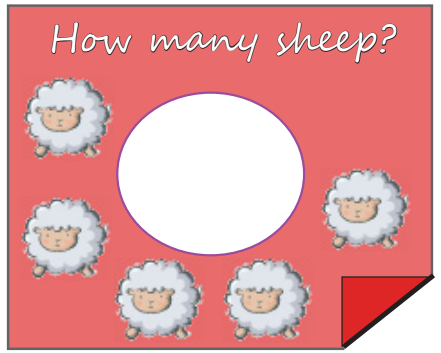
8.3 + 37.53 =

35.5 – 7.63 =

L5
6

Week Seven

Name: _____



BIG MATHS BEAT THAT!

Write these numbers in order

4	3	5

1 more than 6 is?

Double 2 is

5 + ☐ = 10

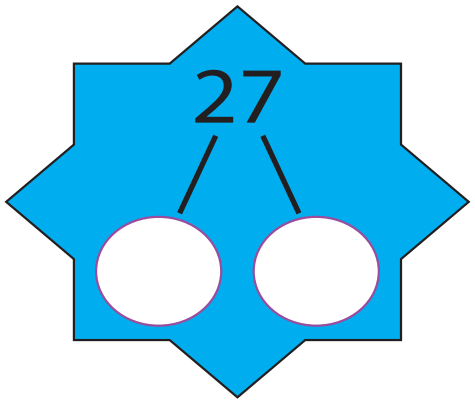
8 take away 3 is...

2 + 5 =

Half of 12 is...

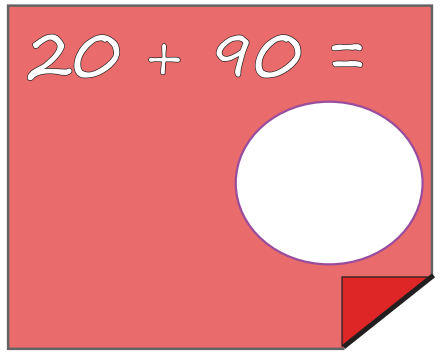
L1
7

Name: _____



Write out the fact family for:

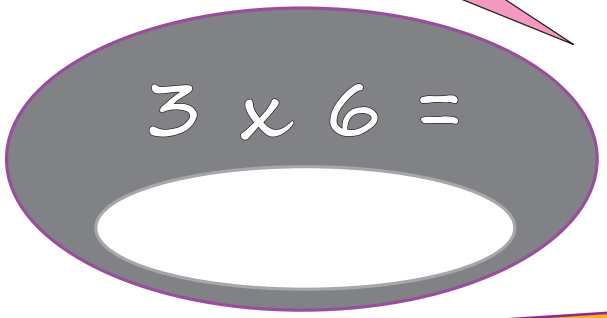
6 + 9 = 15	

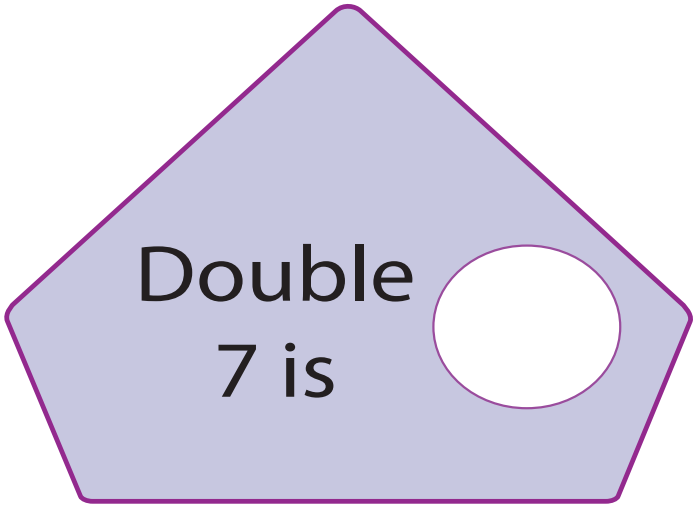


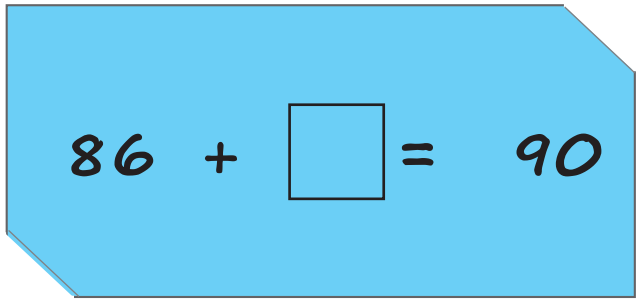
BIG MATHS BEAT THAT!

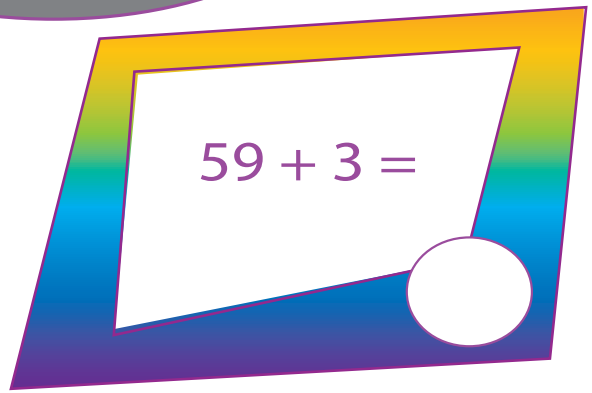
Draw a ring around the **odd** numbers

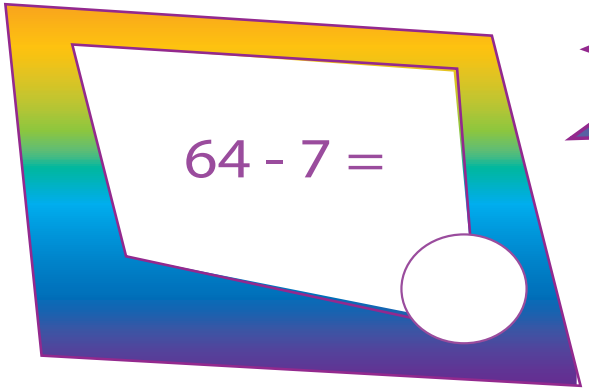
71 28 6 49







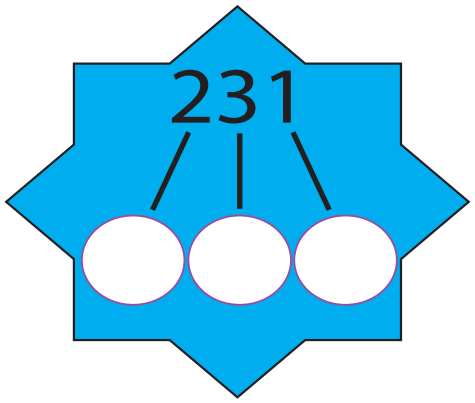




L2
7

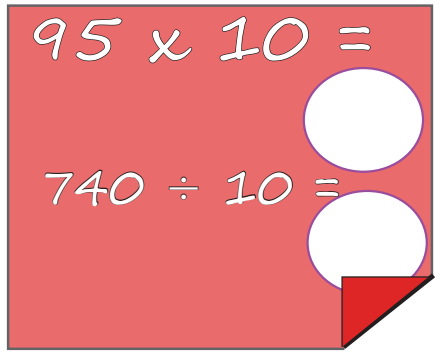
Name: _____

BIG MATHS BEAT THAT!



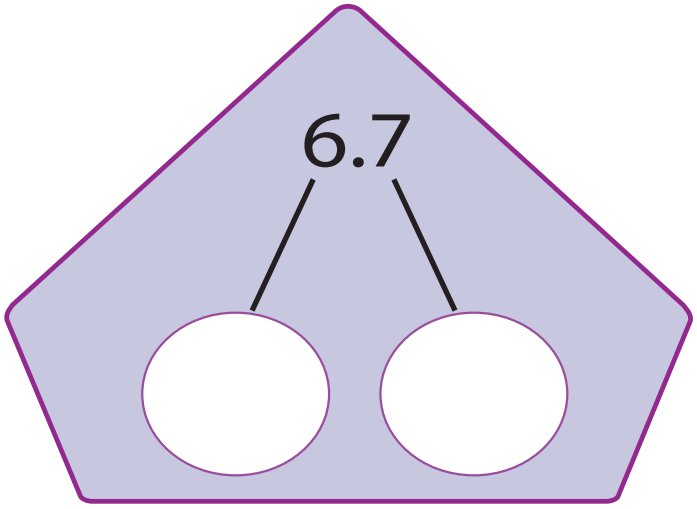
Write out the fact family for:

37 + 47 = 84



96 ÷ 5 =

30 x 90 =



17 + □ = 100

577 + 324 =

764 – 585 =

48 x 7 =

L3
7

Name: _____

BIG MATHS BEAT THAT!

fraction		decimal		percentage
$\frac{1}{10}$	=		=	

9.466

71 x 100 =

288 ÷ 10 =

Write a **square** number between 20 and 50

74 x 54 =

563 + ☐ = 1000

331 ÷ 4=

7.43 + 9.08 =

3.26 – 2.43 =

5.9 x 9 =

Name: _____

BIG MATHS BEAT THAT!

50.4 ÷ 7 =

fraction = 0.2 = percentage

6.92 x 1000 =

71.3 ÷ 1000 =

Write these numbers in order...

7.676 6.707 6.06 7.07

802 x 19 =

1.5 + ☐ = 10

805 ÷ 35 =

26.35 + 8.9 =

5.77 – 2.8 =

2.16 X 6 =

L5
7

Week Eight

Name: _____

BIG MATHS BEAT THAT!

Write these numbers in order

7	1	6

1 less than 6 is?

Double 5 is

8 + ☐ = 10

10 take away 3 is...

4 + 5 =

Half of 8 is...

L1
8

Name: _____

BIG MATHS BEAT THAT!

67

Write out the fact family for: 4 + 7 = 11

40 + 50 =

Draw a ring around the **odd** numbers

16 73 99 60

3 x 7 =

Double 9 is

52 + ☐ = 60

Half of 12 is...

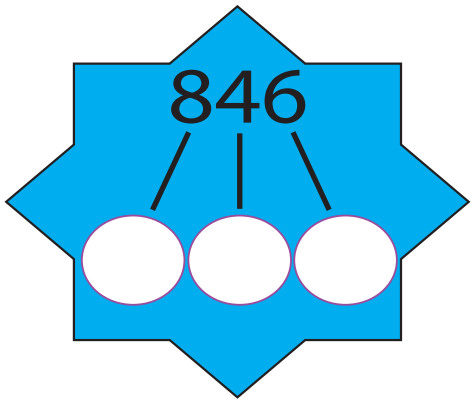
25 + 9 =

83 - 5 =

L2
8

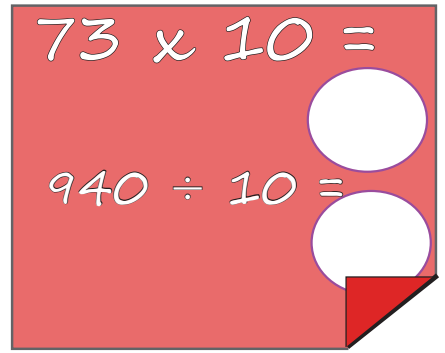
Name: _____

BIG MATHS BEAT THAT!



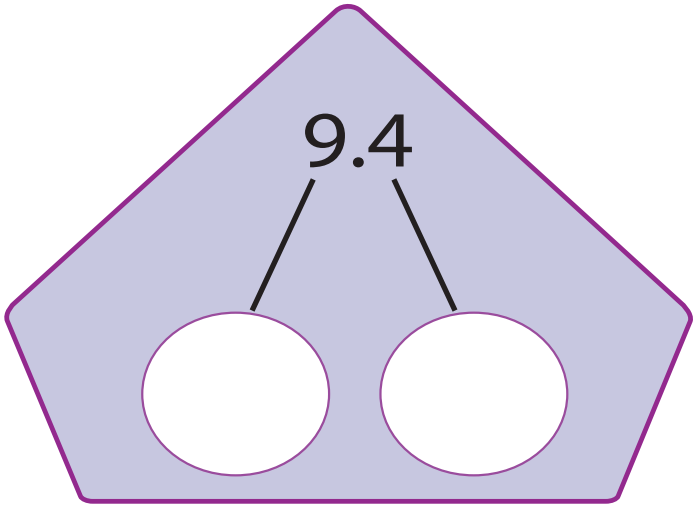
Write out the fact family for:

38 x 11 = 418

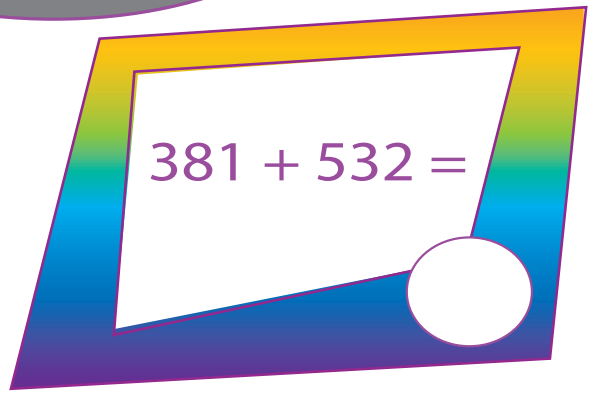


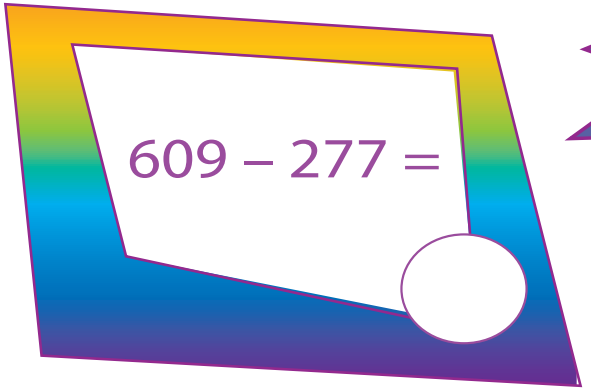
59 ÷ 3 = ○

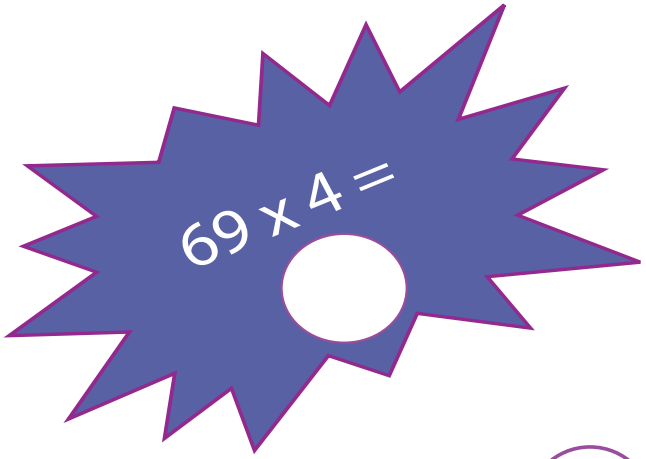
70 x 50 = ____



43 + □ = 100



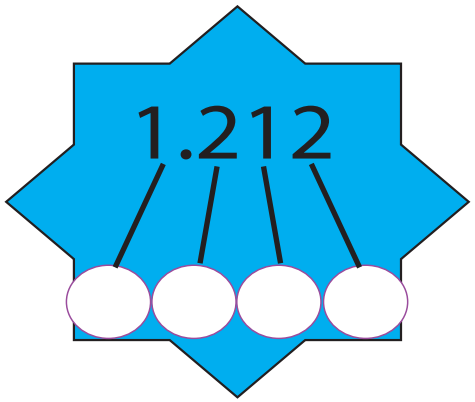




L3
8

Name: _____

BIG MATHS BEAT THAT!



fraction		decimal		percentage
$\frac{1}{10}$	=		=	

67 x 100 =

636 ÷ 10 =

Write three **factors** of 40...

36 x 85 =

862 + ☐ = 1000

601 ÷ 7=

8.6 x 7 =

8.86 + 7.97 =

6.77 – 2.86 =

Name: _____

BIG MATHS BEAT THAT!

36.8 ÷ 8 =

fraction = 0.2 = percentage

8.08 x 1000 =

31.9 ÷ 1000 =

Write these numbers in order...

1.9 1.119 1.91 1.19

439 x 81 =

54.4 + ☐ = 100

704 ÷ 22 =

22.2 + 5.98 =

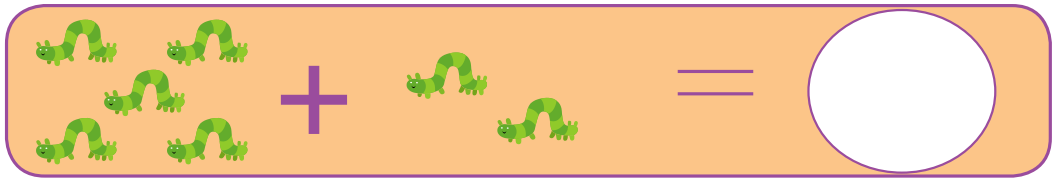
17.3 – 5.55 =

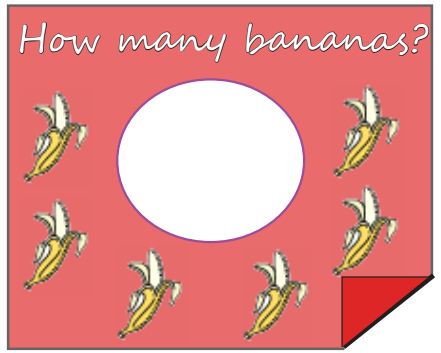
3.77 X 7 =

L5
8

Week Nine

Name: _____





BIG MATHS BEAT THAT!

Write these numbers in order

6	4	5

1 more than 5 is?

Double 3 is

6 + ☐ = 10

8 take away 6 is...

5 + 3 =

Half of 6 is...

L1
9

Name: _____

BIG MATHS BEAT THAT!

94

Write out the fact family for: 5 + 8 = 13

60 + 30 =

Draw a ring around the **odd** numbers

55 20 7 63

4 x 3 =

Double 6 is

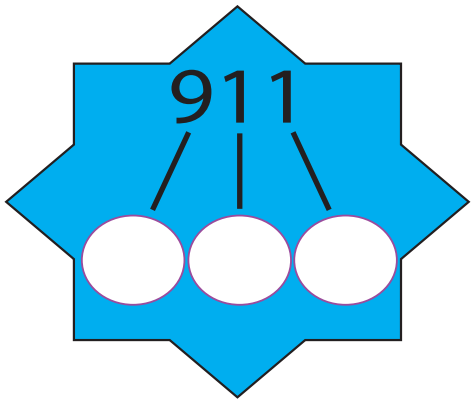
33 + □ = 40

Half of 14 is...

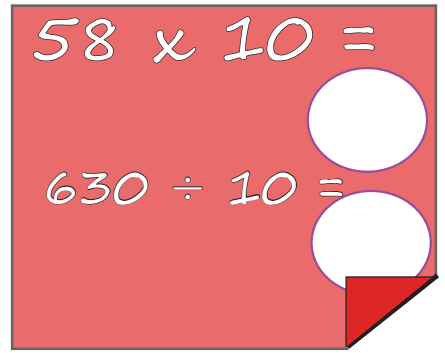
46 + 6 =

52 - 4 =

Name: _____

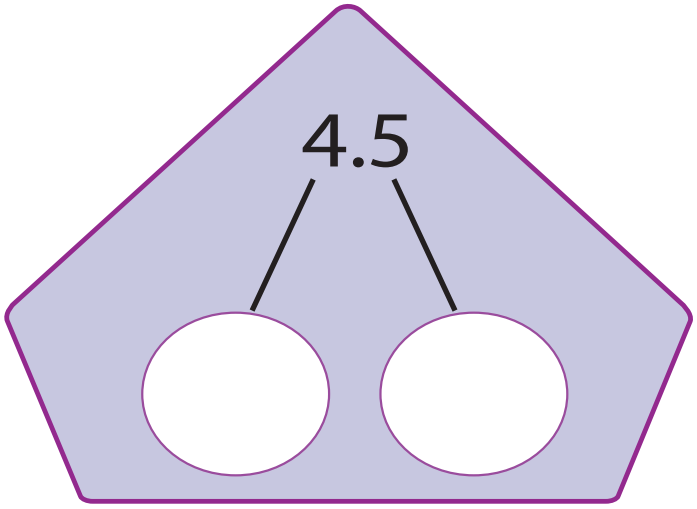


Write out the fact family for: 66 + 19 = 85



BIG MATHS BEAT THAT!

63 ÷ 4 =



38 + □ = 100

20 x 80 =

239 + 475 =

828 – 356 =

58 X 9 =

L3
9

Name: _____

BIG MATHS BEAT THAT!

4.884

fraction		decimal		percentage
$\frac{1}{10}$	=		=	

69 x 100 =

418 ÷ 10 =

Write a **multiple** of 7 between 55 and 65

98 x 76 =

857 + ☐ = 1000

119 ÷ 6=

3.4 x 4 =

4.44 + 9.66 =

5.16 – 3.53 =

L4
9

Name: _____

BIG MATHS BEAT THAT!

57.6 ÷ 6 =

fraction = decimal = 60%

8.68 x 1000 =

22.5 ÷ 1000 =

Write these numbers in order...

8.7 0.87 0.77 0.807

532 x 89 =

5.6 + ☐ = 10

935 ÷ 17 =

8.05 X 8 =

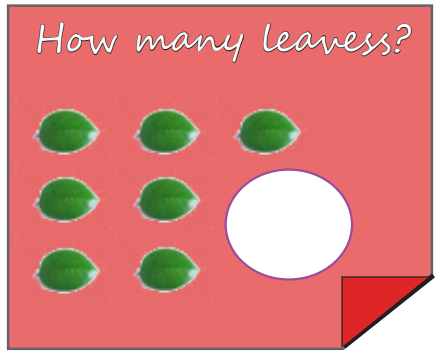
5.4 + 16.86 =

6.6 – 5.88 =

L5
9

Week Ten

Name: _____



BIG MATHS BEAT THAT!

Write these numbers in order

7	9	2

1 less than 9 is?

Double 1 is

9 + ☐ = 10

8 take away 6 is...

3 + 5 =

Half of 12 is...

L1
10

Name: _____

BIG MATHS BEAT THAT!

85

Write out the fact family for: 8 + 4 = 12

90 + 30 =

Draw a ring around the **even** numbers

24 75 40 13

6 x 3 =

Double 8 is

65 + ☐ = 70

Half of 18 is...

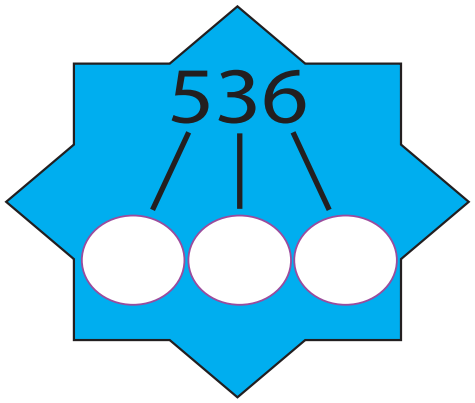
94 + 7 =

31 - 8 =

L2
10

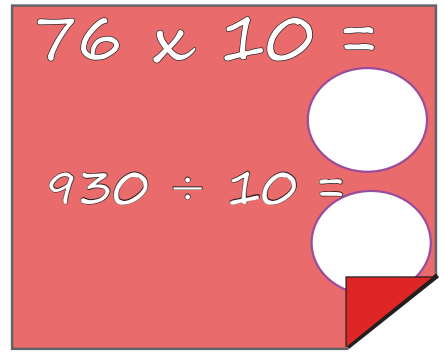
Name: _____

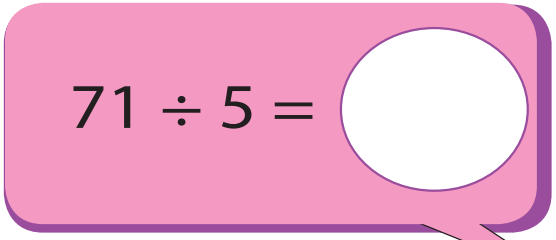
BIG MATHS BEAT THAT!

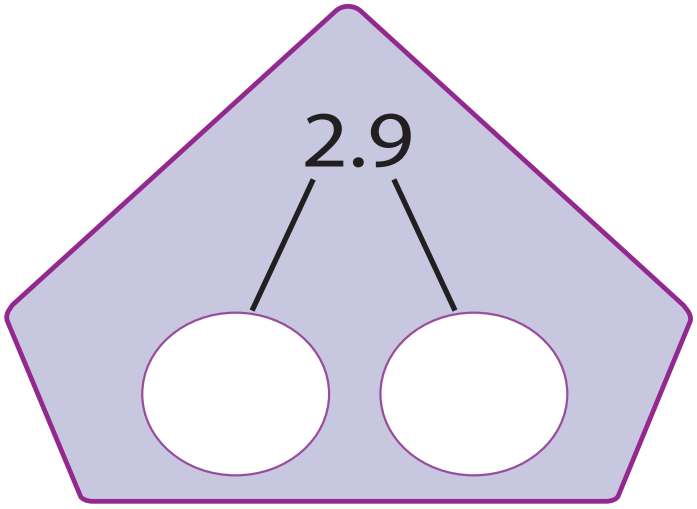


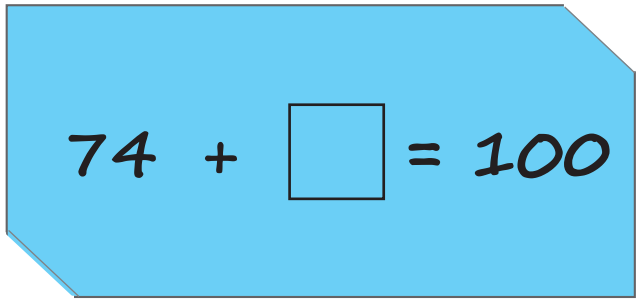
Write out the fact family for:

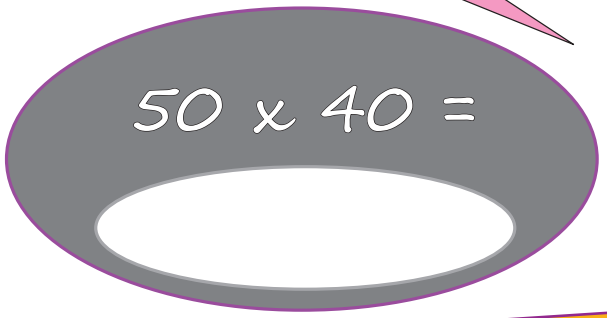
41 x 12 = 492

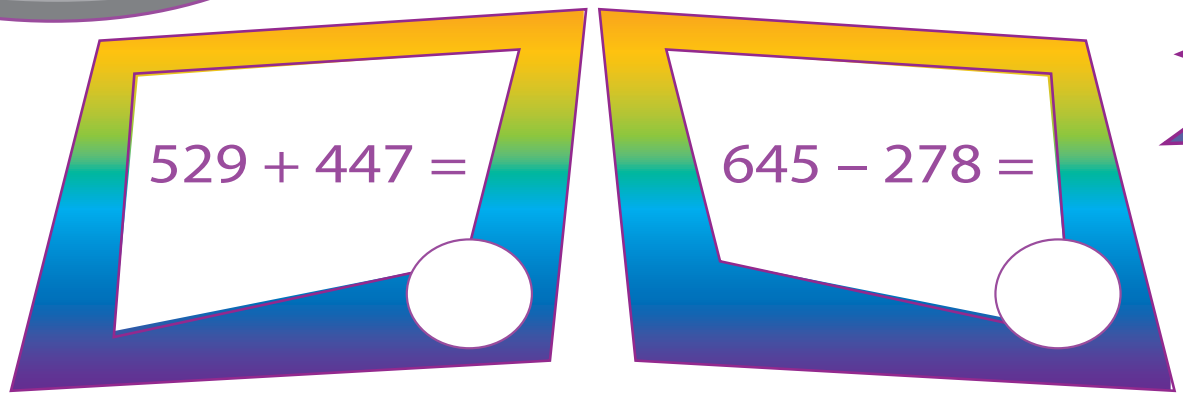


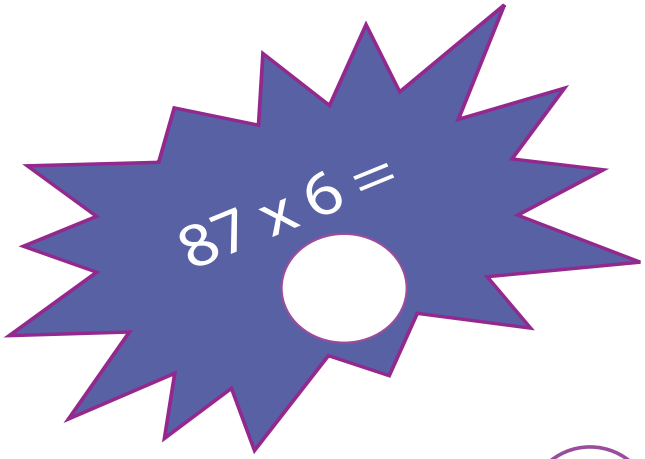








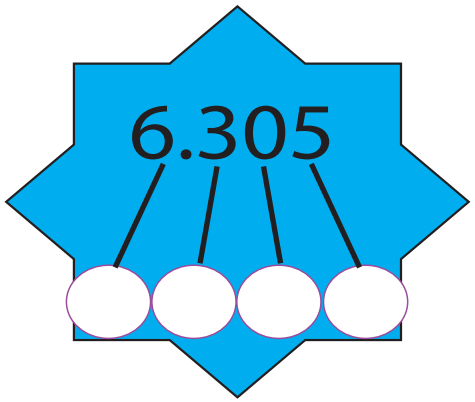


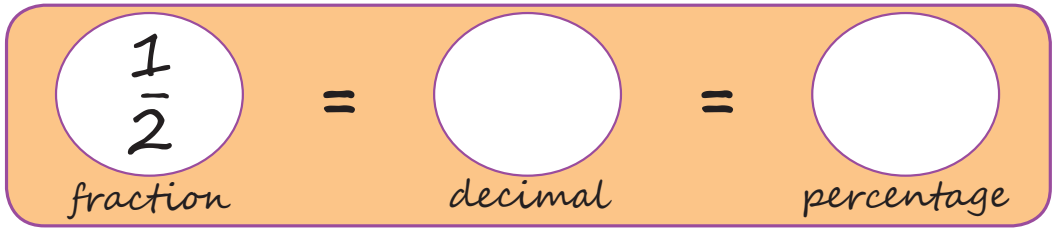


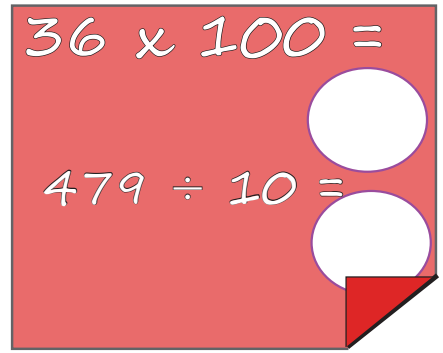
L3
10

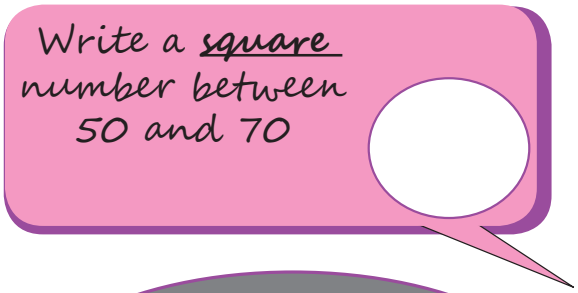
Name: _____

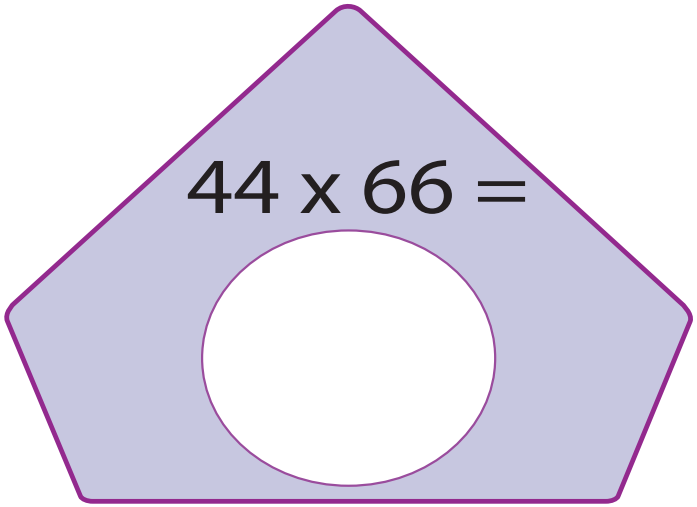
BIG MATHS BEAT THAT!

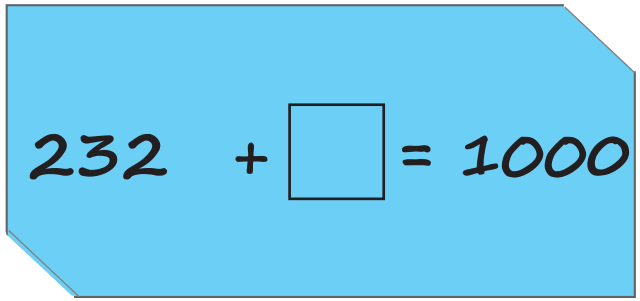


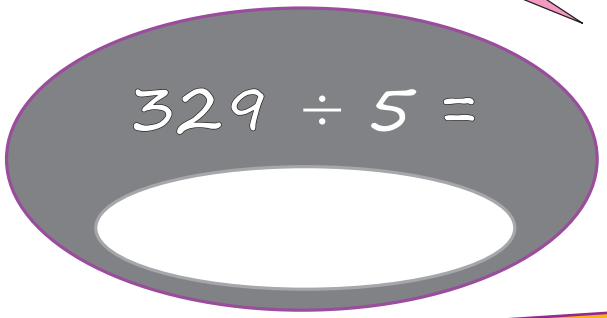


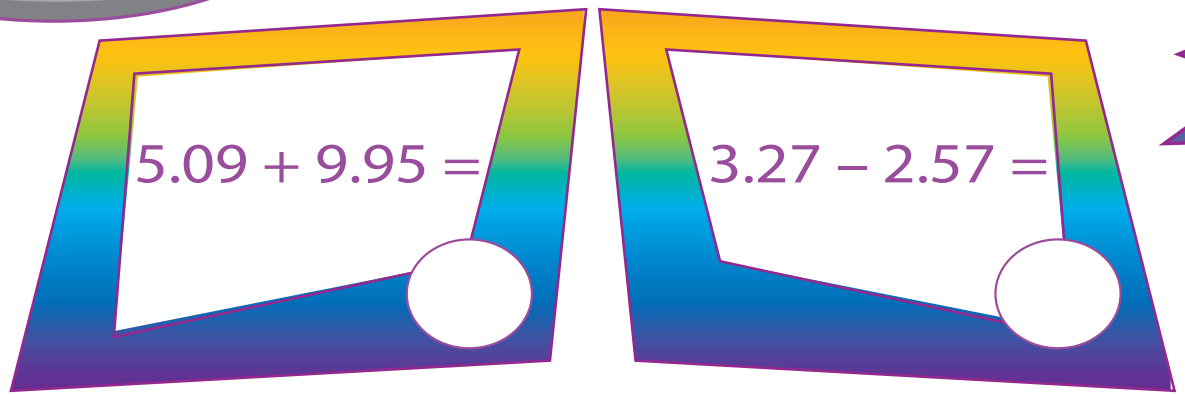


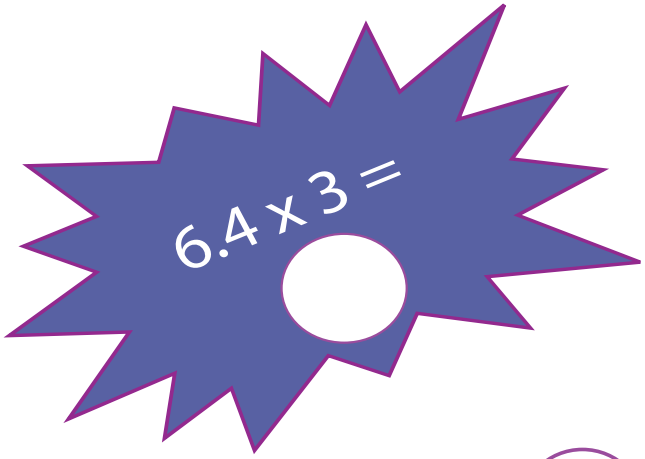












L4
10

Name: _____

BIG MATHS BEAT THAT!

15.2 ÷ 4 =

fraction = 0.9 = percentage

4.38 x 1000 =

19.9 ÷ 1000 =

Write these numbers in order...

4.5 4.055 4.05 4.04

461 x 63 =

66.6 + ☐ = 10

682 ÷ 11 =

34.1 + 7.34 =

11.1 – 8.88 =

6.89 X 3 =

L5
10

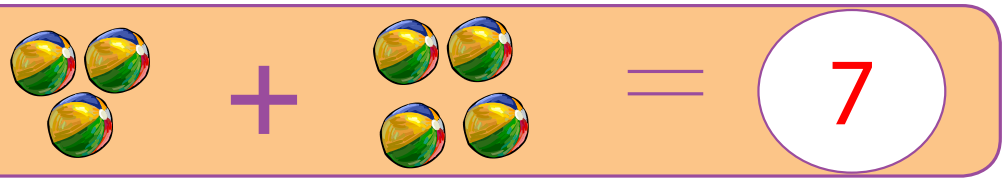
Answers

Week One

Answers

BIG MATHS BEAT THAT!

3



Write these numbers in order

8	2	4
2	4	8

One more than 3 is?

4

Double 4 is 8

6 + 4 = 10

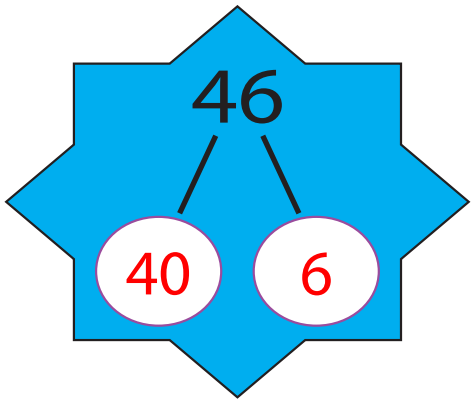
5 take away 3 is...

2

3 + 6 = 9

Half of 8 is... 4

L1
1



Write out the fact family for:

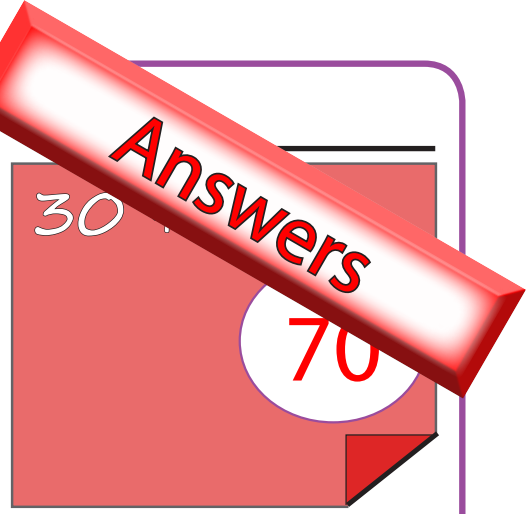
8 + 6 = 14

14 - 6 = 8

6 + 8 = 14

14 - 8 = 6

BIG MATHS BEAT THAT!



Draw a ring around the **odd** numbers

46 71 19 8

3 x 4 =

12

Double 9 is 18

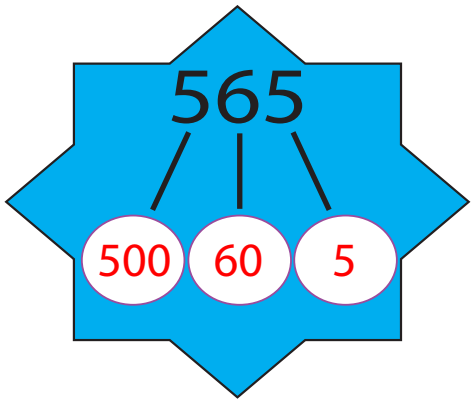
36 + 4 = 40

36 + 7 = 43

65 - 7 = 58

Half of 16 is... 8

L2
1



Write out the fact family for:

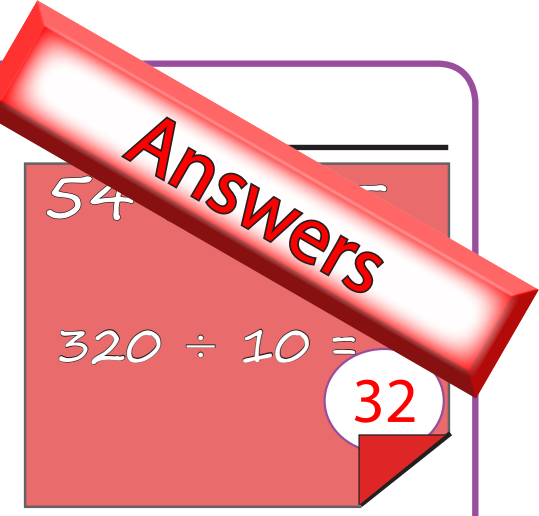
13 + 68 = 81

68 + 13 = 81

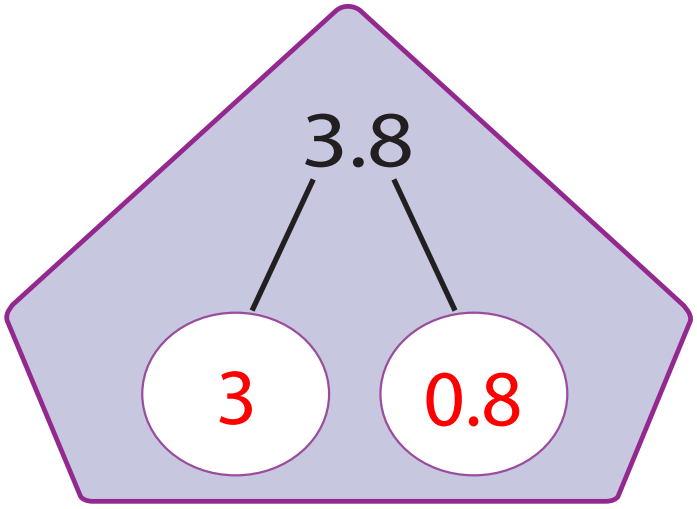
81 - 13 = 68

81 - 68 = 13

BIG MATHS BEAT THAT!



73 ÷ 5 = 14 r 3



36 + 64 = 100

30 x 80 = 2400

456 + 278 = 734

312 - 149 = 163

45 x 5 = 225

L3
1

Answers

.625

4 | 0.6 | 0.02 | 0.005

fraction	=	decimal	=	percentage
1/4	=	0.25	=	25%

Name: _____

BIG MATHS BEAT THAT!

28 x 100 = 2800

715 ÷ 10 = 71.5

Write a square number between 10 and 30

16 or 25

35 x 28 = 980

348 + 652 = 1000

500 ÷ 7 = 71 r 3

2.68 + 1.35 = 4.03

4.32 - 1.79 = 2.53

2.3 x 4 = 9.2

Answers

÷ 8 =

5.3

$\frac{2}{5}$	=	0.4	=	40%
fraction		decimal		percentage

Name: _____

BIG MATHS BEAT THAT!

3.07 x 1000 =

3070

53.6 ÷ 1000 =

0.0536

Write these numbers in order...

1.3, 1.113, 1.31, 1.13

1.31
1.3
1.13
1.113

619 x 77 =

47663

3.4 + 6.6 = 10

651 ÷ 21 =

31

45.7 + 8.68 =

54.38

4.2 - 1.32 =

2.88

4.78 x 7 =

33.46

L5
1

Answers

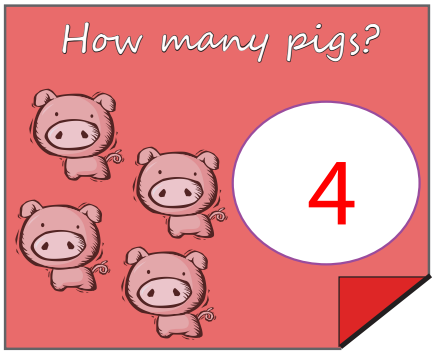
Week Two

Answers

8

Name: _____

BIG MATHS BEAT THAT!



Write these numbers in order

5	2	3
2	3	5

1 less than 5 is?

4

Double 2 is 4

3 + 7 = 10

4 take away 3 is...

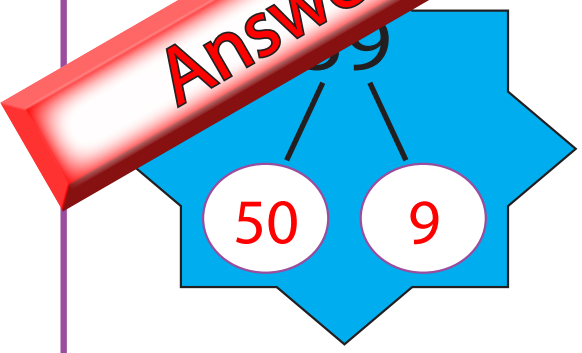
1

6 + 2 = 8

Half of 12 is... 6

L1
2

Answers



Write out the fact family for:

3 + 8 = 11

11 - 3 = 8

8 + 3 = 11

11 - 8 = 3

BIG MATHS BEAT THAT!

Name: _____

60 + 20 = 80

Draw a ring around the **even** numbers

35 64 79 12

3 x 6 = 18

Double 7 is 14

25 + 5 = 30

Half of 18 is... 9

45 + 6 = 51

56 - 8 = 48

L2
2

Answers

382

300 80 2

Write out the fact family for:

63 x 14 = 882

882 ÷ 14 = 63

14 x 63 = 882

882 ÷ 63 = 14

Name: _____

47 x 10 = 470

450 ÷ 10 = 45

BIG MATHS BEAT THAT!

49 ÷ 3 = 16 r 1

50 x 40 = 2000

2.7

2 0.7

63 + 37 = 100

34 x 3 = 102

528 + 354 = 882

425 - 297 = 128

L3
2

Answers

.818

3 | 0.8 | 0.01 | 0.008

Name: _____

fraction	=	decimal	=	percentage
1/2	=	0.5	=	50%

BIG MATHS BEAT THAT!

28 x 100 = 2800

715 ÷ 10 = 71.5

Write three **factors** of 24...

1,2,3 | 4,6,8 | 12,24

68 x 19 = 1292

675 + 325 = 1000

410 ÷ 6 = 68 r 2

4.5 x 7 = 31.5

5.92 + 4.82 = 10.74

2.44 - 1.55 = 0.89

Answers

÷ 6 =

5.6

$\frac{4}{5}$ = 0.8 = 80%

fraction decimal percentage

Name: _____

5.32 x 1000 =

5320

81.1 ÷ 1000 =

0.0811

BIG MATHS BEAT THAT!

Write these numbers in order...

2.88 8.2 8.822 8.28

8.822
8.28
8.2
2.88

381 x 29 =

11049

43.5 + 56.5 = 100

169 ÷ 13 =

13

6.8 + 20.68 =

27.48

16.4 - 8.87 =

7.53

2.38 x 3 =

7.14

L5
2

Answers

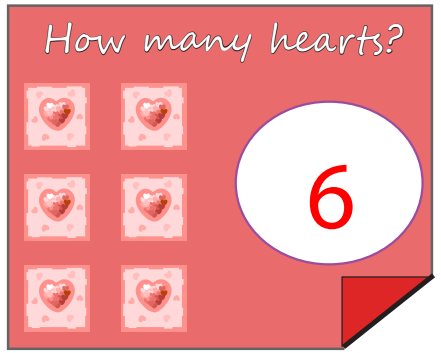
Week Three

Answers

4

Name: _____

BIG MATHS BEAT THAT!



Write these numbers in order

7	9	2
2	7	9

1 more than 4 is?

5

Double 5 is 10

7 + 3 = 10

5 take away 1 is...

4

7 + 2 =

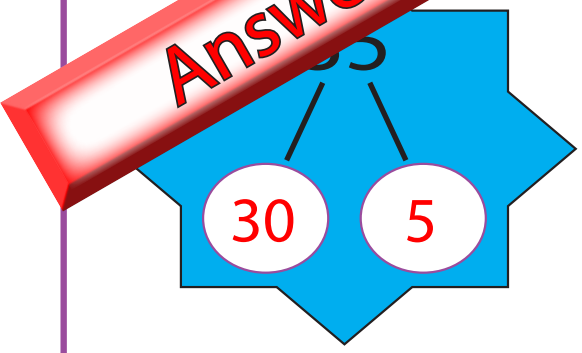
9

Half of 14 is...

7

L1
3

Answers



Write out the fact family for:

5 + 7 = 12

12 - 7 = 5

7 + 5 = 12

12 - 5 = 7

BIG MATHS BEAT THAT!

Name: _____

50 + 60 =

110

Draw a ring around the **odd** numbers

10 81 7 92

4 x 6 =

24

Double 6 is 12

13 + 7 = 20

Half of 14 is...

7

57 + 9 =

66

34 - 7 =

27

L2
3

Answers

475

400 70 5

Write out the fact family for:

67 + 24 = 91

91 - 24 = 67

24 + 67 = 91

91 - 67 = 24

Name: _____

BIG MATHS BEAT THAT!

67 x 10 = 670

730 ÷ 10 = 73

67 ÷ 4 = 16 r 3

4.9

4 0.9

42 + 58 = 100

70 x 30 = 2100

627 + 283 = 910

571 - 189 = 382

56 x 4 = 224

L3
3

Answers

8.729

9 | 0.7 | 0.02 | 0.009

fraction	=	decimal	=	percentage
1/10	=	0.1	=	10%

Name: _____

BIG MATHS BEAT THAT!

16 x 100 = 1600

462 ÷ 10 = 46.2

Write a **multiple** of 8 between 20 and 35

24 or 32

730 ÷ 8 = 91 r 2

52 x 72 = 3744

289 + 711 = 1000

7.82 + 7.96 = 15.78

5.45 - 2.67 = 2.78

7.6 x 3 = 22.8

Answers

÷ 4 =

5.4

fraction		decimal		percentage
3/10	=	0.3	=	30%

Name: _____

BIG MATHS BEAT THAT!

7.31 x 1000 = 7310

7.6 ÷ 1000 = 0.0076

Write these numbers in order...

4.54, 4.454, 4.45, 4.5

4.54
4.5
4.454
4.45

844 x 91 = 76804

6.7 + 3.3 = 10

672 ÷ 32 = 21

35.9 + 3.77 = 39.67

11.26 - 6.8 = 4.46

4.17 x 6 = 25.02

Answers

Week Four

Answers

9

Name: _____

BIG MATHS BEAT THAT!

Write these numbers in order

6	4	8
4	6	8

1 less than 7 is?

6

Double 5 is 10

2 + 8 = 10

9 take away 6 is...

3

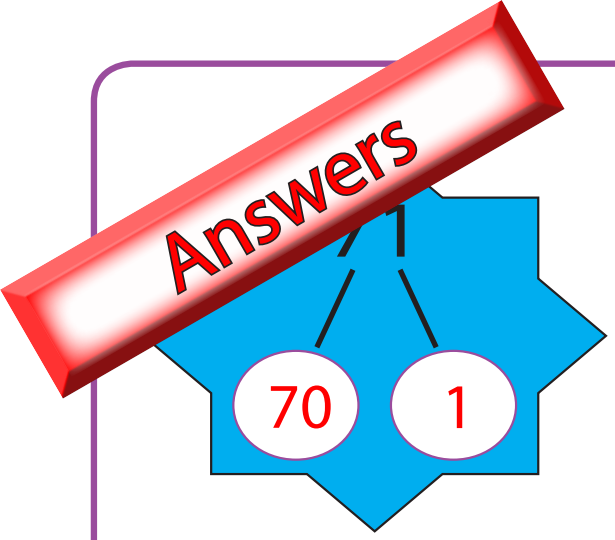
5 + 4 =

9

Half of 8 is...

4

Answers



Write out the fact family for:

7 + 8 = 15

15 - 7 = 8

8 + 7 = 15

15 - 8 = 7

BIG MATHS BEAT THAT!

Name: _____

70 + 40 = 110

Draw a ring around the **even** numbers

43 12 66 39

3 x 8 = 24

Double 9 is 18

32 + 8 = 40

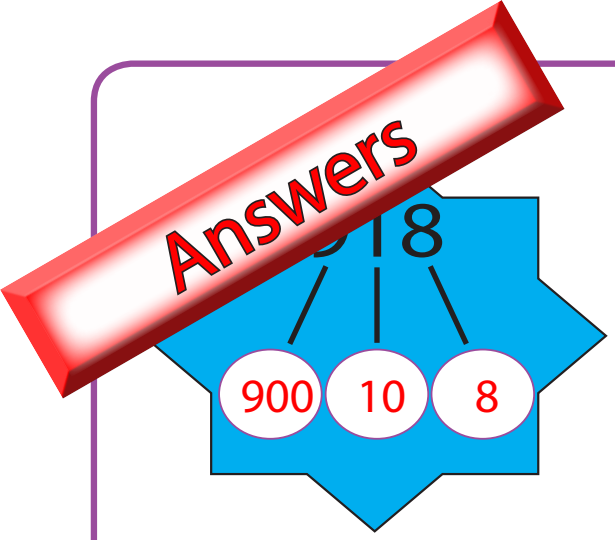
Half of 12 is... 6

63 + 8 = 71

71 - 5 = 66

L2
4

Answers



Write out the fact family for:

24 x 17 = 408

408 ÷ 24 = 17

17 x 24 = 408

408 ÷ 17 = 24

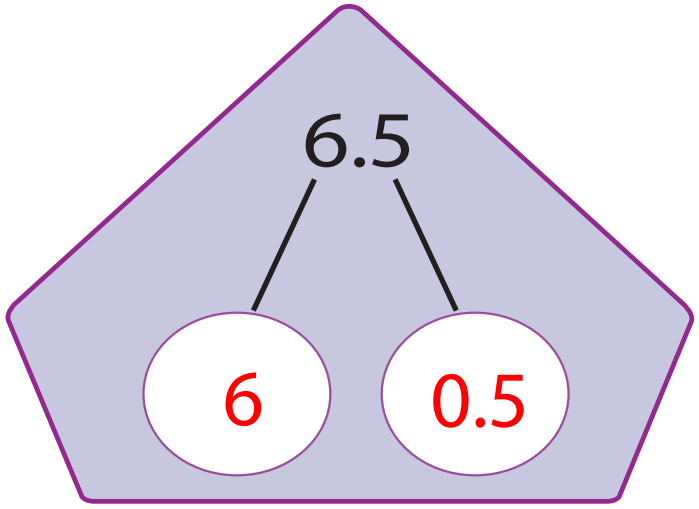
Name: _____

BIG MATHS BEAT THAT!

29 x 10 = 290

810 ÷ 10 = 81

81 ÷ 5 = 16 r 1



81 + 19 = 100

50 x 60 = 3000

218 + 354 = 572

604 - 265 = 339

93 x 5 = 465

L3
4

Answers

.517

5 | 0.5 | 0.01 | 0.007

$\frac{3}{4}$ = 0.75 = 75%

fraction | decimal | percentage

Name: _____

BIG MATHS BEAT THAT!

77 x 100 = 7700

371 ÷ 10 = 37.1

Write a **square** number between 80 and 110

81 or 100

68 x 84 = 5712

833 + 167 = 1000

298 ÷ 9 = 33 r 1

6.2 x 8 = 49.6

4.38 + 8.88 = 13.26

7.24 - 3.68 = 3.56

Answers

÷ 9 =

5.2

6/10	=	0.6	=	60%
fraction		decimal		percentage

Name: _____

7.33 x 1000 = 7330

71.2 ÷ 1000 = 0.0712

BIG MATHS BEAT THAT!

Write these numbers in order...

6.13 6.11 1.63 6.131

6.131
6.13
6.11
1.63

268 x 43 = 11524

62.7 + 37.3 = 100

864 ÷ 16 = 54

7.5 + 27.82 = 35.32

31.6 - 8.82 = 22.78

2.39 x 5 = 11.95

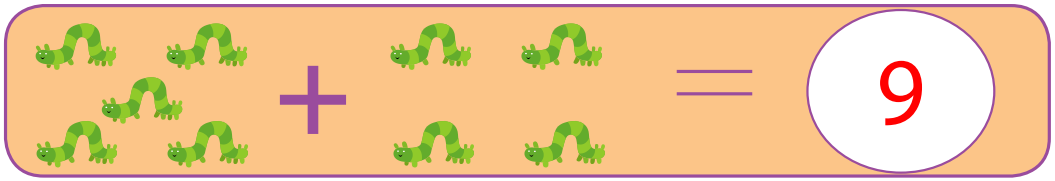
L5
4

Answers

Week Five

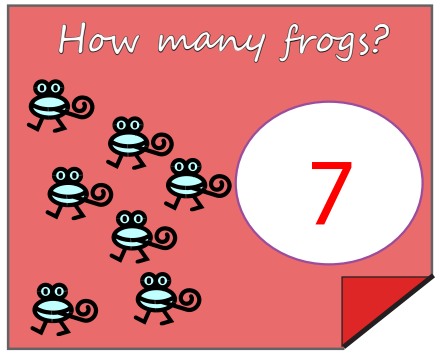
Answers

5



Name: _____

BIG MATHS BEAT THAT!



Write these numbers in order

2	9	1
1	2	9

1 more than 7 is?

8

Double 1 is 2

4 + 6 = 10

7 take away 4 is...

3

6 + 3 =

9

Half of 14 is...

7

L1
5

Answers

84

80 4

Write out the fact family for:

8 + 9 = 17

17 - 9 = 8

9 + 8 = 17

17 - 8 = 9

Name: _____

BIG MATHS BEAT THAT!

40 + 40 = 80

Draw a ring around the **odd** numbers

97 45 68 5

4 x 4 = 16

Double 10 is 20

74 + 6 = 80

66 + 8 = 74

42 - 7 = 35

Half of 16 is... 8

L2
5

Answers

707

700 0 7

Write out the fact family for:

43 + 29 = 72

72 - 43 = 29

29 + 43 = 72

72 - 29 = 43

Name: _____

87 x 10 = 870

530 ÷ 10 = 53

BIG MATHS BEAT THAT!

55 ÷ 3 = 18 r 1

90 x 20 = 1800

3.2

3 0.2

57 + 43 = 100

47 x 6 = 282

392 + 456 = 848

777 - 388 = 389

L3
5

Answers

3.296

8 | 0.2 | 0.09 | 0.006

Name: _____

fraction	=	decimal	=	percentage
1/4	=	0.25	=	25%

BIG MATHS BEAT THAT!

92 x 100 = 9200

823 ÷ 10 = 82.3

Write three **factors** of 32...

1,2,4 | 8,16 | 32

71 x 17 = 1207

265 + 735 = 1000

250 ÷ 3 = 83 r 1

3.94 + 9.45 = 13.39

3.45 – 1.65 = 1.8

3.5 x 5 = 17.5

L4
5

Answers

÷ 3 =

7.9

Name: _____

fraction		decimal		percentage
8/10	=	0.8	=	80%

8.12 x 1000 = 8120

40.1 ÷ 1000 = 0.0401

BIG MATHS BEAT THAT!

Write these numbers in order...

7.39, 7.779, 7.97, 7.79

7.97
7.79
7.779
7.39

572 ÷ 26 =

22

787 x 35 =

27545

2.8 + 7.2 = 10

9.81 x 9 =

88.29

95.7 + 11.11 =

106.81

7.8 - 4.87 =

2.93

L5
5

Answers

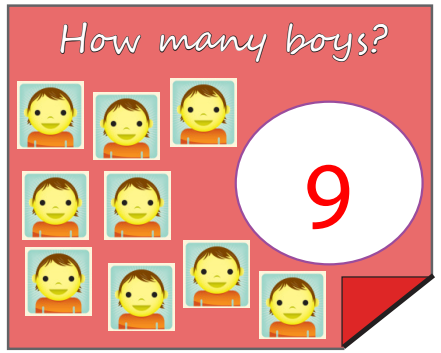
Week Six

Answers

2

Name: _____

BIG MATHS BEAT THAT!



Write these numbers in order

8	5	7
5	7	8

1 less than 8 is?

7

Double 4 is 8

1 + 9 = 10

9 take away 8 is...

1

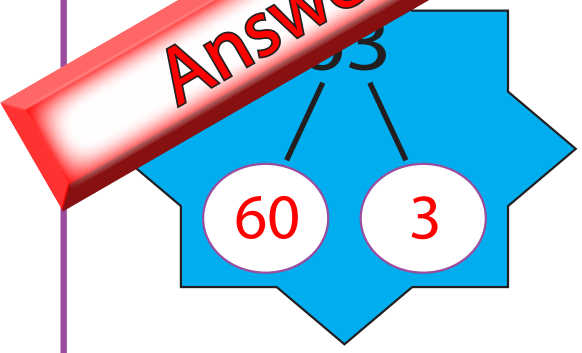
5 + 3 =

8

Half of 8 is...

4

Answers



Write out the fact family for:

9 + 5 = 14

14 - 5 = 9

5 + 9 = 14

14 - 9 = 5

Name: _____

BIG MATHS BEAT THAT!

90 + 30 = 120

Draw a ring around the **even** numbers

52 33 46 70

3 x 3 = 9

Double 8 is 16

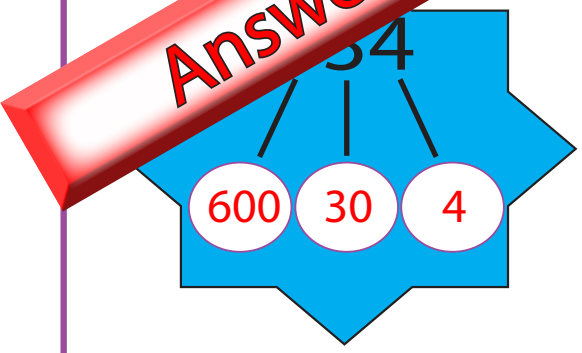
31 + 9 = 40

Half of 20 is... 10

86 + 5 = 91

43 - 6 = 37

Answers



Write out the fact family for:

13 x 15 = 195

195 ÷ 15 = 13

15 x 13 = 195

195 ÷ 13 = 15

Name: _____

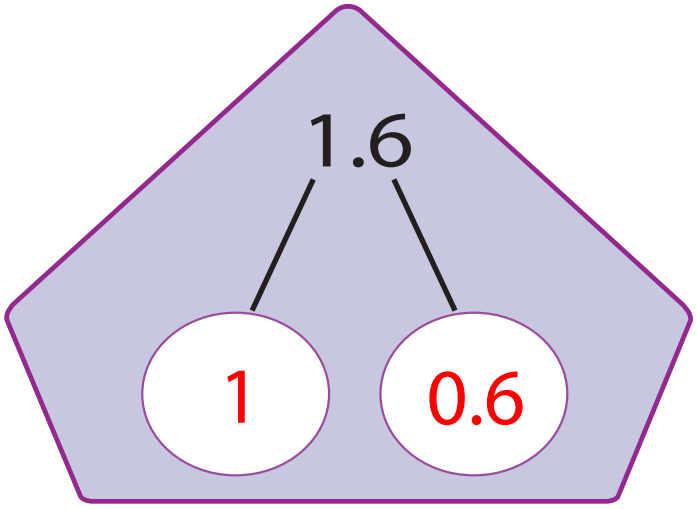
BIG MATHS BEAT THAT!

59 x 10 = 590

920 ÷ 10 = 92

51 ÷ 4 = 12 r 3

30 x 70 = 2100



36 + 64 = 100

85 x 4 = 340

483 + 427 = 910

834 - 457 = 377

L3
6

Answers

7.484

7 | 0.4 | 0.08 | 0.004

Name: _____

fraction	decimal	percentage
$\frac{1}{2}$	0.5	50%

BIG MATHS BEAT THAT!

29 x 100 = 2900

343 ÷ 10 = 34.3

Write a **multiple** of 6 between 40 and 55

42, 48 or 54

89 x 33 = 2937

478 + 522 = 1000

488 ÷ 5 = 97 r 3

7.7 x 3 = 23.1

6.68 + 4.49 = 11.17

5.23 – 2.97 = 2.26

L4
6

Answers

÷ 5 =

7.7

Name: _____

$\frac{7}{10}$ = 0.7 = 70%

fraction decimal percentage

BIG MATHS BEAT THAT!

94.3 x 1000 =

94300

7.7 ÷ 1000 =

0.0077

Write these numbers in order...

1.2 1.211 2.1 1.12

2.1
1.211
1.2
1.12

911 x 69 =

62859

81.1 + 18.9 = 100

399 ÷ 19 =

21

5.09 x 4 =

20.36

8.3 + 37.53 =

45.83

35.5 – 7.63 =

27.87

L5
6

Answers

Week Seven

Answers

7.7

Name: _____

BIG MATHS BEAT THAT!

Write these numbers in order

4	3	5
3	4	5

1 more than 6 is?

7

Double 2 is 4

5 + 5 = 10

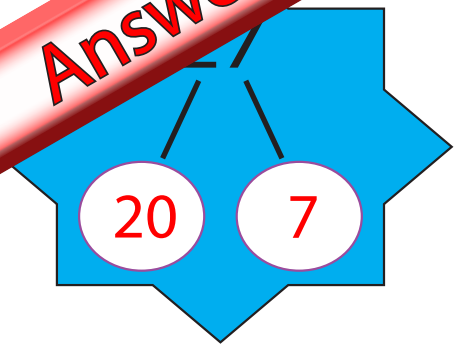
8 take away 3 is... 5

2 + 5 = 7

Half of 12 is... 6

L1 7

Answers



Write out the fact family for:

6 + 9 = 15

15 - 6 = 9

9 + 6 = 15

15 - 9 = 6

Name: _____

BIG MATHS BEAT THAT!

20 + 90 =

110

Draw a ring around the **odd** numbers

71 28 6 49

3 x 6 =

18

Double 7 is 14

86 + 4 = 90

Half of 18 is...

9

59 + 3 =

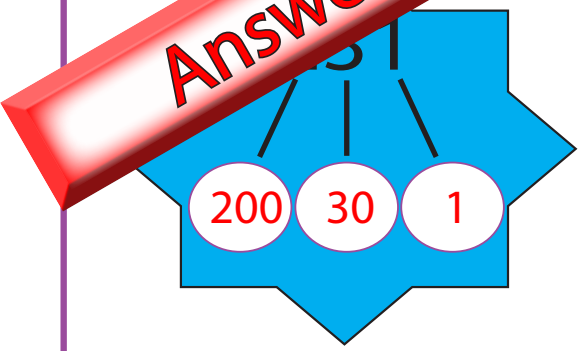
62

64 - 7 =

57

L2
7

Answers



Write out the fact family for:

37 + 47 = 84

84 - 37 = 47

47 + 37 = 84

84 - 47 = 37

Name: _____

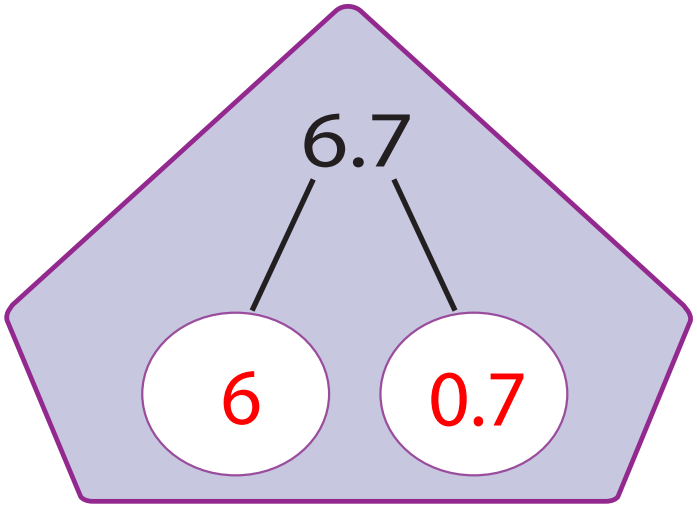
BIG MATHS BEAT THAT!

95 x 10 = 950

740 ÷ 10 = 74

96 ÷ 5 = 19 r 1

30 x 90 = 2700



17 + 83 = 100

48 x 7 = 336

577 + 324 = 901

764 – 585 = 179

L3
7

Answers

.466

9 | 0.4 | 0.06 | 0.006

Name: _____

fraction	decimal	percentage
1/10	0.1	10%

BIG MATHS BEAT THAT!

71 x 100 = 7100

288 ÷ 10 = 28.8

Write a **square** number between 20 and 50

25, 36 or 49

74 x 54 = 3996

563 + 437 = 1000

331 ÷ 4 = 82 r 3

5.9 x 9 = 53.1

7.43 + 9.08 = 16.51

3.26 – 2.43 = 0.83

Answers

Name: _____

BIG MATHS BEAT THAT!

fraction	=	decimal	=	percentage
$\frac{2}{10}$	=	0.2	=	20%

... ÷ 7 =

7.2

6.92 x 1000 =

6920

71.3 ÷ 1000 =

0.0713

Write these numbers in order...

7.676, 6.707, 6.06, 7.07

7.676
7.07
6.707
6.06

805 ÷ 35 =

23

802 x 19 =

15238

1.5 + 8.5 = 10

26.35 + 8.9 =

35.25

5.77 – 2.8 =

2.97

2.16 X 6 =

12.96

L5
7

Answers

Week Eight

Answers

9

Name: _____

BIG MATHS BEAT THAT!

Write these numbers in order

7	1	6
1	6	7

1 less than 6 is?

5

Double 5 is 10

8 + 2 = 10

10 take away 3 is...

7

4 + 5 =

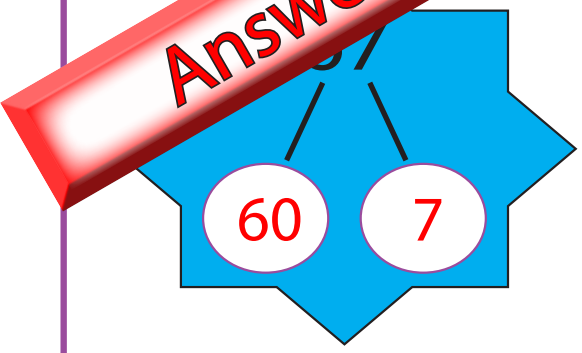
9

Half of 8 is...

4

L1
8

Answers



Write out the fact family for:

4 + 7 = 11

11 - 4 = 7

7 + 4 = 11

11 - 7 = 4

Name: _____

BIG MATHS BEAT THAT!

40 + 50 = 90

Draw a ring around the **odd** numbers

16 73 99 60

3 x 7 = 21

Double 9 is 18

52 + 8 = 60

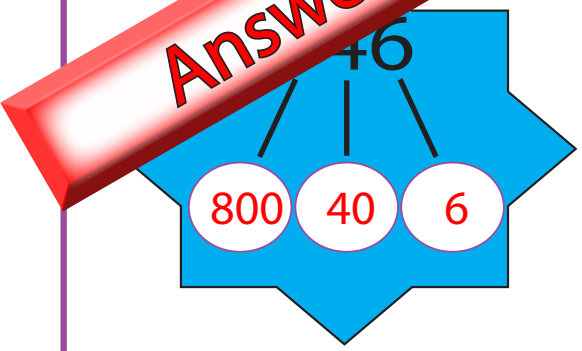
Half of 12 is... 6

25 + 9 = 34

83 - 5 = 78

L2
8

Answers



Write out the fact family for:

38 x 11 = 418

418 ÷ 11 = 38

11 x 38 = 418

418 ÷ 38 = 11

Name: _____

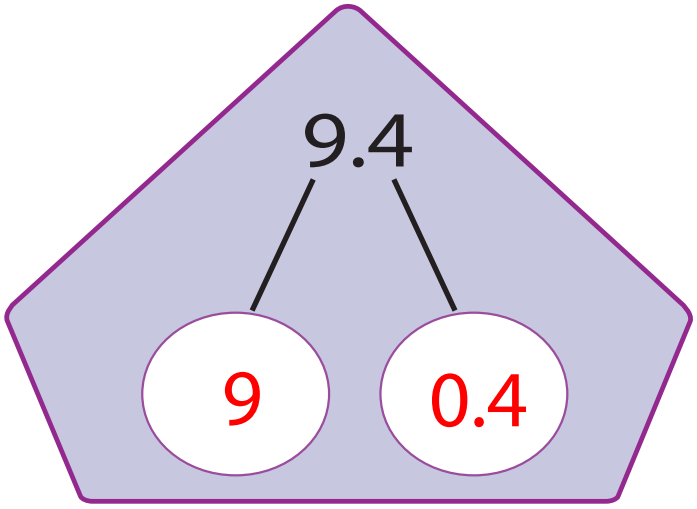
BIG MATHS BEAT THAT!

73 x 10 = 730

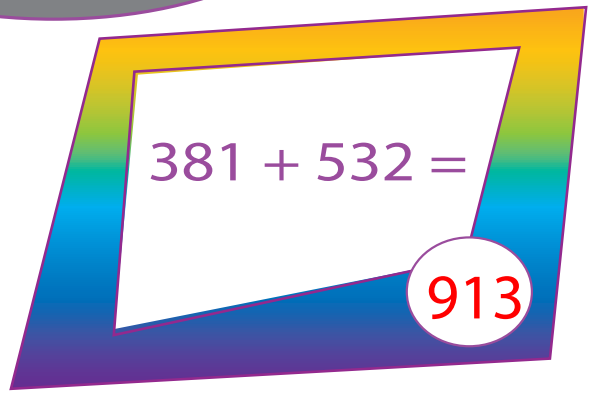
940 ÷ 10 = 94

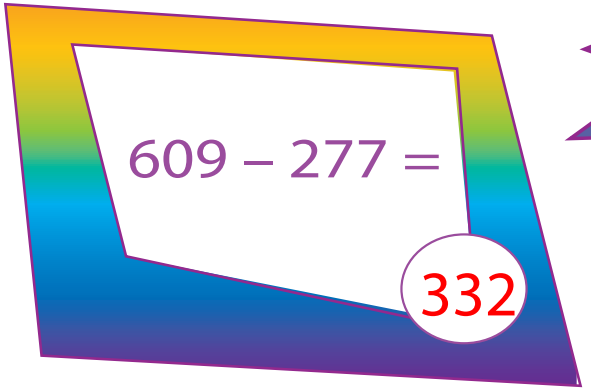
59 ÷ 3 = 19 r 2

70 x 50 = 3500



43 + 57 = 100





69 x 4 = 276

L3
8

Answers

1.212

1 | 0.2 | 0.01 | 0.002

fraction	=	decimal	=	percentage
3/4	=	0.75	=	75%

Name: _____

BIG MATHS BEAT THAT!

67 x 100 = 6700

636 ÷ 10 = 63.6

Write three **factors** of 40...

1,2,4 | 5,8,10 | 20,40

36 x 85 = 3060

862 + 138 = 1000

601 ÷ 7= 85 r 6

8.6 x 7 = 60.2

8.86 + 7.97 = 16.83

6.77 – 2.86 = 3.91

L4
8

Answers

÷ 8 =

4.6

$\frac{3}{5}$	=	0.6	=	60%
fraction		decimal		percentage

Name: _____

BIG MATHS BEAT THAT!

8.08 x 1000 =

8080

31.9 ÷ 1000 =

0.0319

Write these numbers in order...

1.9, 1.119, 1.91, 1.19

1.91
1.9
1.19
1.119

439 x 81 =

35559

54.4 + 45.6 = 100

704 ÷ 22 =

32

3.77 X 7 =

26.39

22.2 + 5.98 =

28.18

17.3 – 5.55 =

11.75

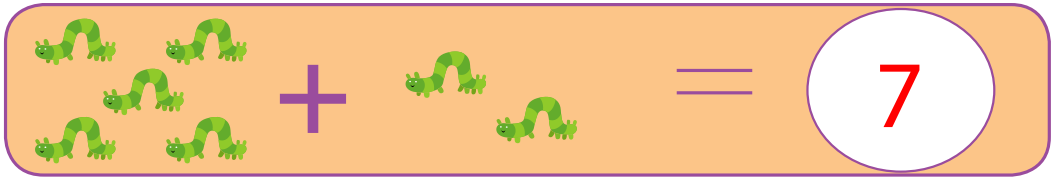
L5
8

Answers

Week Nine

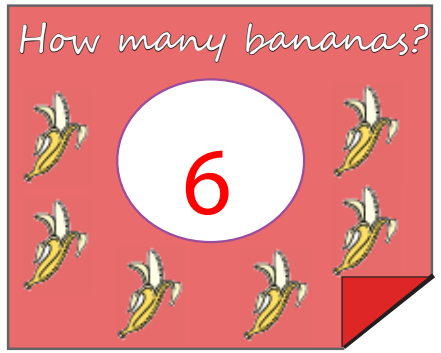
Answers

7



Name: _____

BIG MATHS BEAT THAT!



Write these numbers in order

6	4	5
4	5	6

1 more than 5 is?

6

Double 3 is 6

6 + 4 = 10

8 take away 6 is... 2

5 + 3 = 8

Half of 6 is... 3

Answers

94

90 4

Write out the fact family for:

5 + 8 = 13

13 - 5 = 8

8 + 5 = 13

13 - 8 = 5

Name: _____

BIG MATHS BEAT THAT!

60 + 30 =

90

Draw a ring around the **odd** numbers

55 20 7 63

4 x 3 =

12

Double 6 is 12

33 + 7 = 40

Half of 14 is...

7

46 + 6 =

52

52 - 4 =

48

Answers

900 10 1

Write out the fact family for:

66 + 19 = 85

85 - 19 = 66

19 + 66 = 85

85 - 66 = 19

Name: _____

58 x 10 = 580

630 ÷ 10 = 63

BIG MATHS BEAT THAT!

63 ÷ 4 = 15 r 3

20 x 80 = 1600

4.5

4 0.5

38 + 62 = 100

239 + 475 = 714

828 – 356 = 472

58 X 9 = 522

L3
9

Answers

4.884

4 | 0.8 | 0.08 | 0.004

Name: _____

fraction	decimal	percentage
$\frac{1}{10}$	0.1	10%

BIG MATHS BEAT THAT!

69 x 100 =

6900

418 ÷ 10 =

41.8

Write a **multiple** of 7 between 55 and 65

56 or 63

98 x 76 =

7448

857 + 143 = 1000

119 ÷ 6=

19 r 5

3.4 x 4 =

13.6

4.44 + 9.66 =

14.1

5.16 – 3.53 =

1.63

L4
9

Answers

Name: _____

$\frac{6}{10}$ = 0.6 = 60%

fraction decimal percentage

BIG MATHS BEAT THAT!

8 ÷ 6 = 9.6

8.68 x 1000 = 8680

22.5 ÷ 1000 = 0.0225

Write these numbers in order...

8.7, 0.87, 0.77, 0.807

8.7
0.87
0.807
0.77

532 x 89 = 47348

5.6 + 4.4 = 10

935 ÷ 17 = 55

8.05 X 8 = 64.4

5.4 + 16.86 = 22.26

6.6 – 5.88 = 0.72

L5
9

Answers

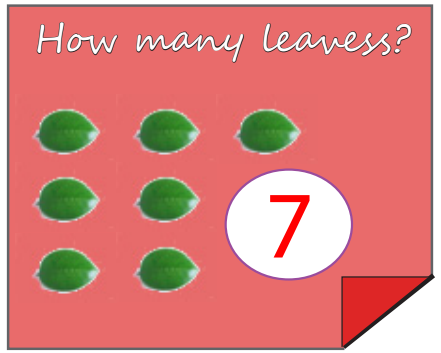
Week Ten

Answers

8

Name: _____

BIG MATHS BEAT THAT!



Write these numbers in order

7	9	2
2	7	9

1 less than 9 is?

8

Double 1 is 2

9 + 1 = 10

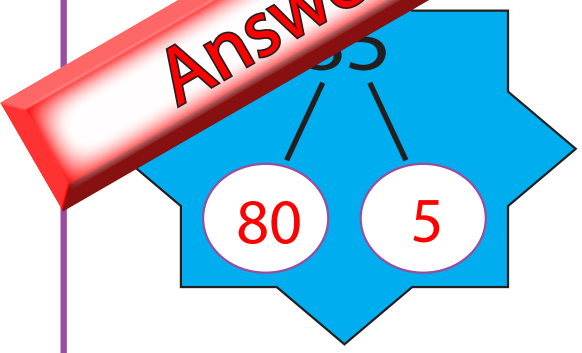
8 take away 6 is... 2

3 + 5 = 8

Half of 12 is... 6

L1
10

Answers



Write out the fact family for:

8 + 4 = 12

12 - 4 = 8

4 + 8 = 12

12 - 8 = 4

Name: _____

BIG MATHS BEAT THAT!

90 + 30 = 120

Draw a ring around the **even** numbers

24 75 40 13

6 x 3 = 18

Double 8 is 16

65 + 5 = 70

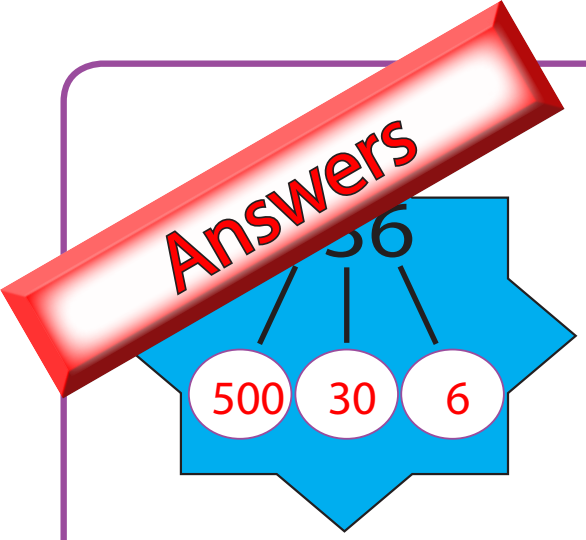
94 + 7 = 101

31 - 8 = 23

Half of 18 is... 9

L2
10

Answers



Write out the fact family for:

41 x 12 = 492

492 ÷ 41 = 12

12 x 41 = 492

492 ÷ 12 = 41

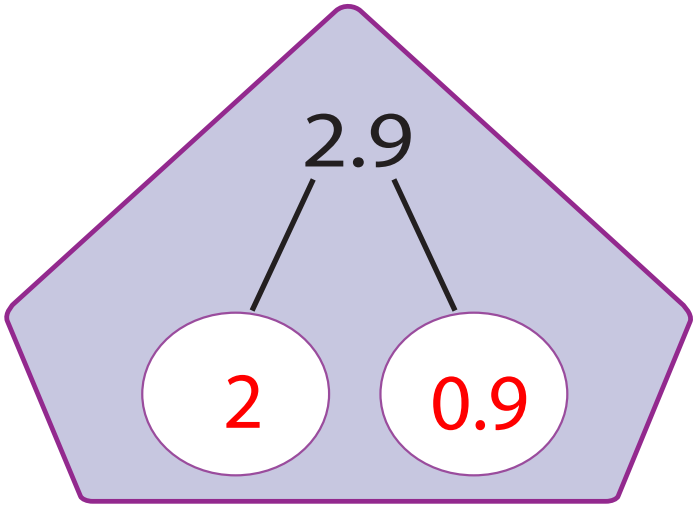
Name: _____

BIG MATHS BEAT THAT!

76 x 10 = 760

930 ÷ 10 = 93

71 ÷ 5 = 14 r 1



74 + 26 = 100

50 x 40 = 2000

529 + 447 = 976

645 – 278 = 367

87 x 6 = 522

L3
10

Answers

.305

6 | 0.3 | 0.00 | 0.005

Name: _____

fraction	decimal	percentage
$\frac{1}{2}$	0.5	50%

BIG MATHS BEAT THAT!

36 x 100 = 3600

479 ÷ 10 = 47.9

Write a square number between 50 and 70

64

44 x 66 = 2904

232 + 768 = 1000

329 ÷ 5 = 65 r 4

6.4 x 3 = 19.2

5.09 + 9.95 = 15.04

3.27 – 2.57 = 0.7

L4
10

Answers

Name: _____

BIG MATHS BEAT THAT!

$\frac{9}{10}$ = 0.9 = 90%

fraction decimal percentage

12 ÷ 4 = 3.8

4.38 x 1000 = 4380

19.9 ÷ 1000 = 0.0199

Write these numbers in order...

4.5, 4.055, 4.05, 4.04

4.5
4.055
4.05
4.04

461 x 63 = 29043

66.6 + 33.4 = 100

682 ÷ 11 = 62

34.1 + 7.34 = 41.44

11.1 – 8.88 = 2.22

6.89 X 3 = 20.67

L5
10