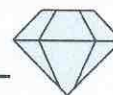


Name: _____

Primary 5-a-day

Diamond



1st September

$\frac{1}{2}$ of 36 =

18

$56 - 38 =$

18

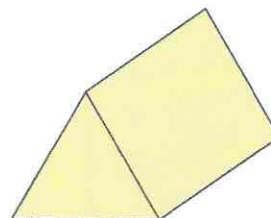
$$\begin{array}{r} 4 \\ 56 \\ - 38 \\ \hline 18 \end{array}$$

A triangular prism
has 6 faces

True

☐

False

☒

Circle the fraction that is equal to $\frac{2}{4}$

 $\frac{1}{3}$ $\frac{3}{4}$ $\frac{1}{2}$

Sally has £23

Finley has £48

How much money do Sally and
Finley have altogether?

$$\begin{array}{r} 23 \\ + 48 \\ \hline 71 \end{array}$$

£ 71

Name: _____

Primary 5-a-day

Diamond



2nd September

$5 \times 1 =$

5

$\frac{1}{4}$ of

20

$= 5$

Club	Members
Chess	25
Football	71
Judo	49
Rowing	16

How many more members does the **football** club have than the **judo** club?

$$\begin{array}{r} 71 \\ - 49 \\ \hline 22 \end{array}$$

22

Mina has these coins.

52



Penny has half the amount of money that Mina has.

How much money does Penny have?

26 p

○ means 2 cars

Blue	○ ◐
Red	② ④ ⑥ ⑧ ⑩ ⑫
Black	○ ○ ○
White	○ ○ ○ ○

How many red cars are there?

12

Name: _____

Primary 5-a-day

Diamond



3rd September

$\frac{1}{4} \text{ of } 20 =$

5

$65 + 17 =$

82

$$\begin{array}{r} 65 \\ + 17 \\ \hline 82 \end{array}$$

How many 5p coins make 40p?



8

Meg makes 13 pancakes.
Tilly makes 14 pancakes.
Olivia makes 7 pancakes.

They eat 10 pancakes.

How many pancakes are left?

$$\begin{array}{r} 13 \\ 14 \\ + 7 \\ \hline 34 \end{array}$$

$34 - 10$

24

Tick the shape with 5 faces.

6

Cube

5

Square-based pyramid



Cylinder



4th September

$2 \times 10 =$

20

64

$+ 25 = 89$

$$\begin{array}{r} 89 \\ - 25 \\ \hline 64 \end{array}$$

Holly has 7 bags of sweets.

There are 5 sweets in a bag.

Complete the number sentence to show how many sweets Holly has altogether.

7

 $\times$

5

 $=$

35

There are 54 people on a train.

28 people get off the train.

35 people get on the train.

How many people are now on the train?

61

$$\begin{array}{r} 54 \\ - 28 \\ \hline 26 \end{array}$$

$$\begin{array}{r} 26 \\ + 35 \\ \hline 61 \end{array}$$

It is Dylan's 3rd birthday.

Tom is 12.

7 years time

When it is Dylan's 10th birthday, how old will Tom be?

19

Tom

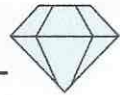
Dylan



Name: _____

Primary 5-a-day

Diamond



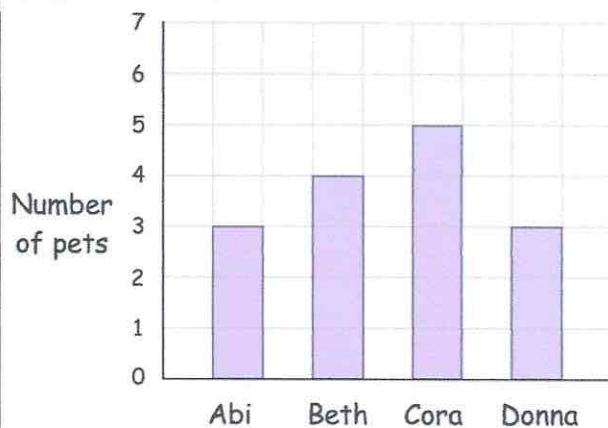
5th September

$6 \div 2 =$

3

$9 \times 5 =$

45



Circle the names of the two girls that have the **same number** of pets.

Abi

Beth

Cora

Donna

Alan and Beth take part in a quiz.

Alan scored 92 points.

Beth scored 66 points.

How many more points did Alan score than Beth?

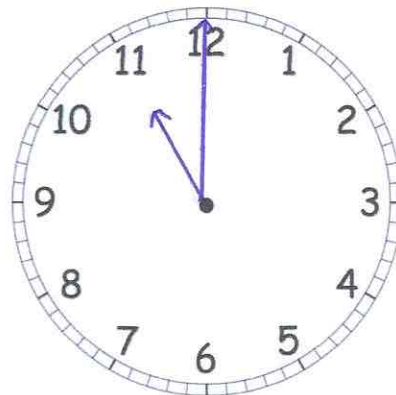
$$\begin{array}{r} 92 \\ - 66 \\ \hline 26 \end{array}$$

26

points

In one hour it will be midday.

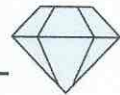
Show the time now on the clock.



Name: _____

Primary 5-a-day

Diamond



6th September

$15 \div 5 =$

3

$10 \times 10 =$

100

Add together 16, 15 and 11

$$\begin{array}{r} 16 \\ + 15 \\ \hline 31 \end{array}$$

$31 + 11$

42

Connie has 24 pens.

 $\frac{1}{4}$ of the pens are red.

6

13 pens are black.

The rest of the pens are blue.

How many blue pens does Connie have?

$13 + 6 = 19$

$24 - 19 = 5$

5

= 2 hours of sunshine

Norwich	
Dublin	
Belfast	
Aberdeen	
Cardiff	

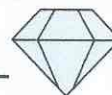
How many hours of sunshine was there in Aberdeen?

4

Name: _____

Primary 5-a-day

Diamond



7th September

$$\frac{1}{3} \text{ of } 12 =$$

4

$$46 + 45 =$$

91

$$\begin{array}{r} 46 \\ + 45 \\ \hline 91 \end{array}$$

Flynn has 70 blocks.

He builds 7 towers using the blocks.

Each tower has the same number of blocks.

How many blocks are in each tower?

$$70 \div 7 = 10$$

10

Oscar buys a coat that costs £48

He pays with three £20 notes.

How much change does Oscar get?

$$\begin{array}{r} 60 \\ - 48 \\ \hline 12 \end{array}$$

£ 12

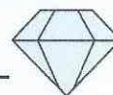
Gerald makes 62 cupcakes.

He sells 38 cupcakes.

How many cupcakes does Gerald have left?

$$\begin{array}{r} 62 \\ - 38 \\ \hline 24 \end{array}$$

24



8th September

$2 \times 7 =$

14

$82 - 9 =$

73

$$\begin{array}{r} 7 \\ 82 \\ - 9 \\ \hline 73 \end{array}$$

Grace swims 35 metres.

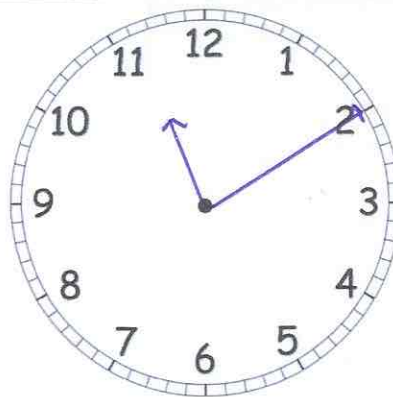
Poppy swims 47 metres.

How far did the girls swim altogether?

$$\begin{array}{r} 35 \\ + 47 \\ \hline 82 \end{array}$$

82

metres

Show the time **ten past eleven** on the clock.

Emma has these coins.



23p

Sweets cost 2p each.

How many sweets can Emma buy?

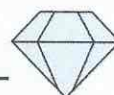
2 4 6 8 10
12 14 16 18 20
22

11

Name: _____

Primary 5-a-day

Diamond



9th September

$3 \times 5 =$

15

$81 -$

64

$= 17$

$$\begin{array}{r} 71 \\ - 17 \\ \hline 64 \end{array}$$

Write a fraction that is equal to $\frac{1}{2}$

2

4

Shane has 4 pets.

⁸
Dennis has twice as many pets as Shane.

How many pets do Dennis and Shane have altogether?

$4 + 8 = 12$

12

10 trains leave a station every hour.

How many trains leave the station between 1 o'clock in the afternoon and 5 o'clock in the evening? 4 hours

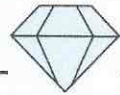
$4 \times 10 = 40$

40

Name: _____

Primary 5-a-day

Diamond



10th September

$$\frac{1}{2} \text{ of } 70 = \boxed{35}$$

$$63 - 17 = \boxed{46}$$

$$\begin{array}{r} 5 \\ 63 \\ - 17 \\ \hline 46 \end{array}$$

There are 9 cupcakes in a box.

Meg has 5 boxes of cupcakes.

How many cupcakes does Meg have?

$$9 \times 5 = 45$$

$$\boxed{45}$$

Write the correct number in the box.

80 is 17 more than $\boxed{63}$

Two plums cost 90p.

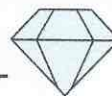
How much is one plum?

$$\boxed{45 \text{ p}}$$

Name: _____

Primary 5-a-day

Diamond



11th September

$\frac{1}{4} \text{ of } 40 =$

10

$56 + 45 =$

101

$$\begin{array}{r} 56 \\ + 45 \\ \hline 101 \end{array}$$

Tom reads for 2 hours. 120

Marcel reads for 100 minutes.

Who spends more time reading?

Tom

Marcel

Write four different numbers in the boxes to make these calculations right.

$10 \div$

2

=

5

$10 \div$

1

=

10

Max has 30 sweets.

4 friends visit Max.

He gives them 5 sweets each.

How many sweets does Max have left?

$4 \times 5 = 20$

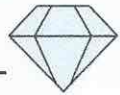
$30 - 20 = 10$

10

Name: _____

Primary 5-a-day

Diamond



12th September

$3 \times 2 =$

6

$30 \div 5 =$

6

Here is a pattern of shapes.

How many squares will be in shape 4?

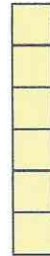
12

3



Shape 1

6



Shape 2

9



Shape 3

The chart shows how children travel to a school each morning.

○ means 10 children

Bus	○ ○ ○ ○ ○ ◐
Car	○ ○ ○ ○
Cycle	○ ◐
Walk	10 20 30 40 50 60

How many children walk to school?

60

Josie goes to the cinema on 19th December.

Circle the day that Josie went to the cinema.

Tuesday

Friday

Saturday

Monday

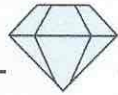
December

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Name: _____

Primary 5-a-day

Diamond



13th September

$10 \div 2 =$

5

$40 - 19 =$

21

$$\begin{array}{r} 3 \\ 40 \\ - 19 \\ \hline 21 \end{array}$$

How many days are there in
5 weeks?

$5 \times 7 = 35$

35

There are 70 cars in a car park.

There are 25 black cars.

There are 16 white cars.

The rest of the cars are red.

How many red cars are there in the
car park?

$$\begin{array}{r} 25 \\ + 16 \\ \hline 41 \end{array} \quad \begin{array}{r} 70 \\ - 41 \\ \hline 29 \end{array}$$

29

Kyle has eleven 5p coins.

He spends 26p

How much money does he have
left?

$11 \times 5 = 55$

$$\begin{array}{r} 55 \\ - 26 \\ \hline 29 \end{array}$$

29 p

Name: _____

Primary 5-a-day

Diamond



14th September

$6 \div 2 =$

3

82

$- 27 = 55$

$$\begin{array}{r} 55 \\ + 27 \\ \hline 82 \end{array}$$

Philip is making rows of blocks.

Each row has 5 blocks.

Altogether he has used 25 blocks.

How many rows has he made?



$25 \div 5 = 5$

5

Martin has

three 10p coins $30p$ six 2p coins $12p$

How much money does Martin have altogether?

42p

Write six **different** numbers in the boxes to make these correct.

$5 \div 1 = 5$

$10 \div 2 = 5$

$15 \div 3 = 5$

Name: _____

Primary 5-a-day

Diamond



15th September

$30 \div 5 =$

6

$27 + 54 =$

81

$$\begin{array}{r} 27 \\ + 54 \\ \hline 81 \end{array}$$

Write the number
eight hundred and forty
in figures.

840

For her homework, Carly has to
learn her spellings and draw a
picture.

It takes Carly a total of 1 hour.

She spends 18 minutes learning her
spellings.

How long did it take Carly to draw
the picture?

$60 - 18 = 42$

42 minutes

Lexi has £1
She buys an apple and gets these
coins in her change.



36p

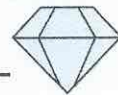
How much was the apple?

14 p

Name: _____

Primary 5-a-day

Diamond



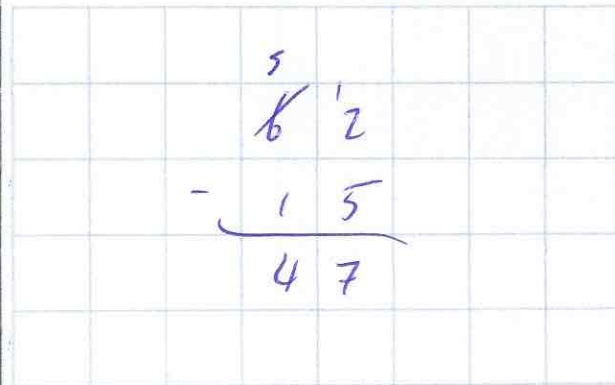
16th September

$91 - 86 =$

5

$62 - 15 =$

47



An egg costs 36p

How much would 2 eggs cost?



36p

72 p

Each team at a quiz has 5 members.

Altogether 35 people take part in the quiz.

How many teams are there?

$35 \div 5 = 7$

7

Draw a 10cm line.

10cm



Name: _____

Primary 5-a-day

Diamond



17th September

$10 \times 0 =$

0

$\frac{3}{4}$ of 16 =

12

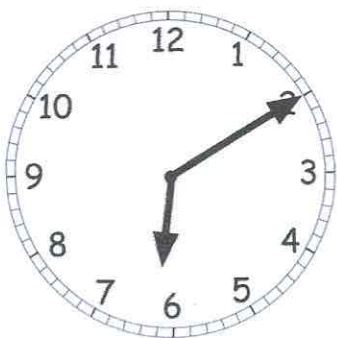
Steve puts 8 seeds in 5 flowerpots.

How many seeds did he put into the flowerpots altogether?

$8 \times 5 = 40$



40

What time does the clock show?
Tick the correct box.

half past two

ten past seven

ten past six ✓

two minutes past six

Tina is 40 years old.

Grace is 6 years younger than Tina.

Macey is half Grace's age.

How old is Macey?

17

Macey

34

Grace

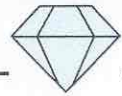
40
Tina

17

Name: _____

Primary 5-a-day

Diamond



18th September

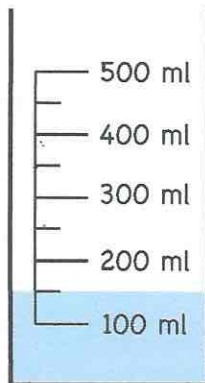
$2 \times 5 =$

10

$120 \div 10 =$

12

Luka has some water in a jug.



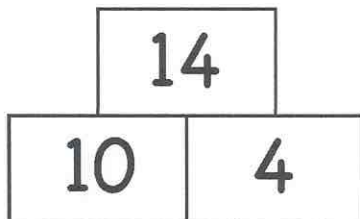
He pours 250ml more water into the jug.

How much water will there now be in the jug?

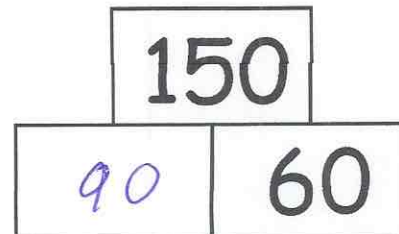
400 ml

Here is an addition pyramid.

To find the number in a block, add the numbers in the two blocks below it.



Fill in the missing number.



Max has 60p

He buys two bananas.

Each banana costs 22p

How much money does Max have left?

$22 + 22 = 44$

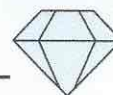
$60 - 44 = 16$

16 p

Name: _____

Primary 5-a-day

Diamond



19th September

$25 + 55 = \boxed{80}$

$$\begin{array}{r} 25 \\ + 55 \\ \hline 80 \end{array}$$

$3 \times 7 = \boxed{21}$

$7 + 7 + 7 = 21$

Melanie has 46 acorns.

Daisy has 29 acorns.

How many more acorns does
Melanie have than Daisy?

$$\begin{array}{r} 46 \\ - 29 \\ \hline 17 \end{array}$$

 $\boxed{17}$ Circle the correct units to complete
this sentence.

A mouse weighs 20

litres

metres

centimetres

grams

One cake needs 50 grams of butter.

How much butter is needed for three
cakes?

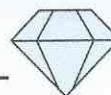
$50 \times 3 = 150$

 $\boxed{150 \text{ grams}}$

Name: _____

Primary 5-a-day

Diamond



20th September

$$\frac{1}{4} \text{ of } 24 =$$

6

$$90 \div 10 =$$

9

Mylo has seven cookies.

Faith has five times that number of cookies.

How many cookies does Faith have?

$$5 \times 7 = 35$$

35

The table shows the number of cars sold each month.

Month	Cars sold
March	27
April	52
May	44
June	37
July	65

How many more cars were sold in April than June?

$$\begin{array}{r} 48 \\ - 37 \\ \hline 15 \end{array}$$

15

A pen weighs 37 grams.

A pencil and pen weigh 81 grams.

How much does the pencil weigh?

44

grams

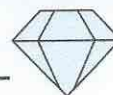


$$\begin{array}{r} 81 \\ - 37 \\ \hline 44 \end{array}$$

Name: _____

Primary 5-a-day

Diamond



21st September

$$\frac{1}{2} \text{ of } 90 = \boxed{45}$$

$$36 + 18 = \boxed{54}$$

$$\begin{array}{r} 36 \\ + 18 \\ \hline 54 \end{array}$$

A number has
3 hundreds, 9 tens and 5 ones

Write the number.

$$\boxed{395}$$

Laura is writing 75 pages for a book.

In January she wrote 30 pages.

In February she wrote 19 pages.

How many pages has Laura left to write?

$$30 + 19 = 49$$

$$\begin{array}{r} 75 \\ - 49 \\ \hline 26 \end{array}$$

$$\boxed{26}$$

Finn and Alfie have the same
amount of money.

Finn has four 5p coins. ^{20p}

George has some 2p coins.

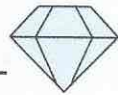
How many 2p coins does Alfie have?

$$\boxed{10}$$

Name: _____

Primary 5-a-day

Diamond



22nd September

$10 \div 5 =$

2

$8 \times 10 =$

80

Write these numbers in order, from smallest to largest.

525

600

290

410

290

410

525

600

smallest

largest

A crate holds 24 apples.

The crate is $\frac{3}{4}$ full.

How many apples are in the crate?

$$\frac{3}{4} \text{ of } 24 = 18$$

18

77 children go to a school.

19 of the children cycle to school.

How many children do **not cycle** to school?

$$\begin{array}{r} 77 \\ - 19 \\ \hline 58 \end{array}$$

58

Name: _____

Primary 5-a-day

Diamond



23rd September

$8 \times 2 =$

16

$97 + 10 =$

107

Circle the letter that does not have a line of symmetry.

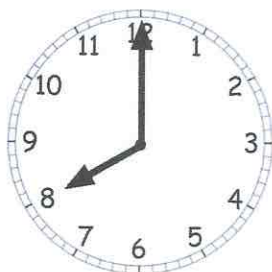
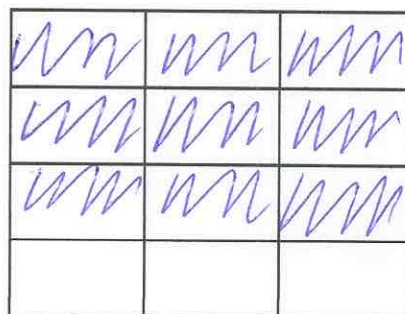
W

V

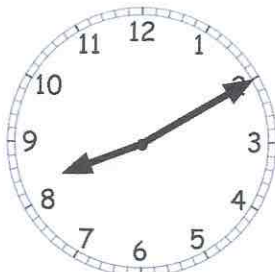
X

G

Shade $\frac{3}{4}$ of the shape.



Starts
homework



Finishes
homework

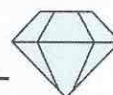
How long did Patrick spend doing his homework?

10 minutes

Name: _____

Primary 5-a-day

Diamond



24th September

$$\frac{1}{3} \text{ of } 9 =$$

3

$$78 + \boxed{14} = 92$$

$$\begin{array}{r} 812 \\ - 78 \\ \hline 14 \end{array}$$

How many sides do 6 pentagons have altogether?

$$6 \times 5 = 30$$

30

Tick how heavy a parcel is.

3 cm

3 L

3 kg ✓

3°C

There are 30 pencils.

Toby and his 2 friends share the pencils equally. 3

How many pencils do they each get?

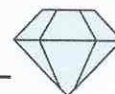
$$30 \div 3 = 10$$

10

Name: _____

Primary 5-a-day

Diamond



25th September

$5 \times 8 =$

40

$91 - 28 =$

63

$$\begin{array}{r} 91 \\ - 28 \\ \hline 63 \end{array}$$

45 adults and 29 children watch a football match.

How many people are watching the football match altogether?

$$\begin{array}{r} 45 \\ + 29 \\ \hline 74 \end{array}$$

74

Molly plays 3 hockey matches.

She scores 3 goals in each match.

How many goals did Molly score?

$3 \times 3 = 9$

9

Chris buys a newspaper that costs 75p.

He pays with four 20p coins.

How much change does Chris get?

$4 \times 20 = 80$

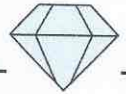
$80 - 75 = 5$

5 p

Name: _____

Primary 5-a-day

Diamond



26th September

$16 \div 2 =$

8

$29 + 27 =$

56

$$\begin{array}{r} 29 \\ + 27 \\ \hline 56 \end{array}$$

The time is **twenty past eleven**.

What number is the minute hand pointing to?

8

11

4

7

Jack makes 16 cupcakes.

He eats $\frac{3}{4}$ of the cupcakes.

How many cupcakes did Jack eat?

12



Here are some signs.

=

<

>

Write a sign in the box to make this correct.

3×3

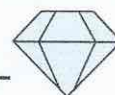
>

$40 \div 5$

Name: _____

Primary 5-a-day

Diamond



27th September

$10 \times 3 = \boxed{30}$

$49 + 15 = \boxed{64}$

		4	9				
		+	1	5			

How many **odd** numbers are there between 72 and 80 ?

73 75 77 79

4

A book has 20 pages.

Lucy reads **three quarters** of the pages.



How many pages did Lucy read?

15

Alana	☐
Beth	☐ ☐ ☐
Cora	☒ ☒ ☒ ☒ ☒
Delia	☐ ☐

Cora scored 10 goals.



means

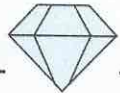
2

goals

Name: _____

Primary 5-a-day

Diamond



28th September

$$\frac{1}{4} \text{ of } \boxed{24} = 6$$

$$84 - 65 = \boxed{19}$$

$$\begin{array}{r} 84 \\ - 65 \\ \hline 19 \end{array}$$

Vicky puts 5 mangos in each basket.

How many mangos are there altogether? 8×5  $\boxed{40}$

Jessica is 95cm tall.

She is 17cm taller than Mary.

How tall is Mary?

$$\begin{array}{r} 95 \\ - 17 \\ \hline 78 \end{array}$$

 $\boxed{78} \text{ cm}$

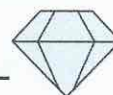
In a garden, there are 3 flowers in each row.



Altogether there are 18 flowers in the garden.

How many rows of flowers are there?

 $\boxed{6}$



29th September

$11 \times 2 =$

22

$51 - 35 =$

16

$$\begin{array}{r} 4 \\ \cancel{5} 11 \\ - 35 \\ \hline 16 \end{array}$$

16 $\div$ 2 and 2 $\div$ 16
both give the
same answer



Is Jemima right?

Yes

☐

No

☒Match the numbers that **multiply to give 30**

10

1

5

15

30

3

6

2

Write the missing number.

2

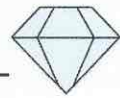
Multiply by 6 then add 5

17

Name: _____

Primary 5-a-day

Diamond



30th September

$$\frac{1}{2} \text{ of } 26 = \boxed{13}$$

$$68 + 27 = \boxed{95}$$

$$\begin{array}{r} 68 \\ + 27 \\ \hline 95 \end{array}$$

7 x 10 and 10 x 7
both give the
same answer



Is Jemima right?

Yes



No



Write the number
eight hundred and twenty in
figures.

$$\boxed{820}$$
$$\boxed{65}$$
$$\boxed{62}$$
$$\boxed{59}$$
$$\boxed{56}$$
$$\boxed{53}$$
$$\boxed{50}$$
$$\boxed{47}$$

$$44$$

What number goes in the box with the star?

$$\boxed{44}$$