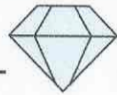


Name: _____

Primary 5-a-day

Diamond



1st January

$\frac{1}{4}$ of 8 =

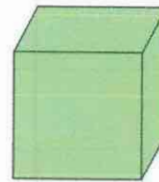
2

$53 - 17 =$

36

$$\begin{array}{r} 53 \\ - 17 \\ \hline 36 \end{array}$$

How many faces does a cube have?



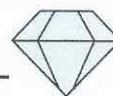
6

How many 5p coins make 30p?



6

Circle the fraction that is equal to $\frac{1}{2}$ $\frac{1}{3}$ $\frac{2}{4}$ $\frac{3}{4}$



2nd January

$6 \times 10 =$

60

$53 + 38 =$

91

$$\begin{array}{r} 53 \\ + 38 \\ \hline 91 \end{array}$$

Here are some signs.

=

<

>

Write a sign in each box to make each correct.

2m

>

2cm

15p

<

£15

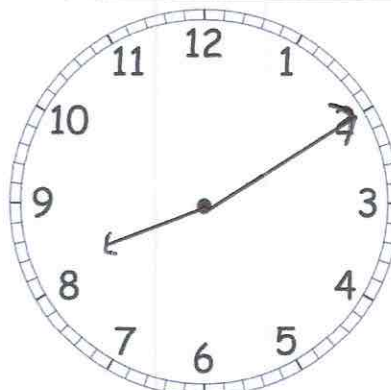
Bethany has

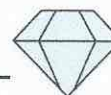
five 10p coins
four 5p coins

How much money does Bethany have altogether?

$$\begin{array}{l} 5 \times 10 = 50 \\ 4 \times 5 = 20 \end{array}$$

70 p

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



3rd January

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

13

23

$$+ 49 = 72$$

$$\begin{array}{r} 6 1 \\ 23 \\ - 49 \\ \hline 23 \end{array}$$

Jake has 8 boxes of cupcakes.

There are 5 cupcakes in a box.

Complete the number sentence to show how many cupcakes Jake has altogether.

8

×

5

=

40

Walter buys a mango that costs 87p.

He pays with five 20p coins.

How much change does Walter get?



$$5 \times 20 = 100$$

$$100 - 87 = 13$$

$$\begin{array}{r} 0 100 \\ - 87 \\ \hline 13 \end{array}$$

13 p

Eva has 12 apples.

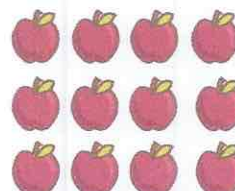
Eva gives $\frac{3}{4}$ of them away.

How many apples does Eva have left?

9

$$12 \div 4 = 3$$

$$3 \times 3 = 9$$





4th January

$7 \times 2 =$

14

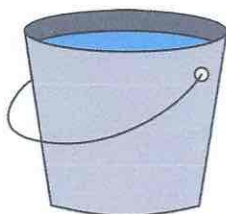
$91 - 38 =$

53

$$\begin{array}{r} 81 \\ - 38 \\ \hline 53 \end{array}$$

Nick has a full bucket of water.

Tick how much water is in the bucket.



10 cm

10 L ✓

10 kg

10 m

It is Lily's 8th birthday.

Ella is 12. 4 years older

When it is Lily's 11th birthday, how old will Ella be?

$11 + 4$

15

Lily



Ella



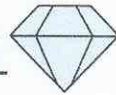
Put a digit in box to make the calculation correct

$$\boxed{4} \boxed{5} + \boxed{2} \boxed{5} = \boxed{7} \boxed{0}$$

Name: _____

Primary 5-a-day

Diamond



5th January

$12 \div 2 =$

6

$\frac{3}{4} \text{ of } 12 =$

9

$12 \div 4 = 3$

$3 \times 3 = 9$

Write these numbers in order, from smallest to largest.

192

200

107

155

107

155

192

200

smallest

largest

Tiffany has 24 sweets.

 $\frac{1}{2}$ of the sweets are yellow.

12

3 of the sweets are white.

The rest of the sweets are blue

How many blue sweets are there?

$12 + 3 = 15$

$24 - 15 = 9$

9

Circle the date of the first Tuesday in April.

1st April2nd April6th April7th April

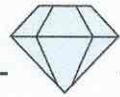
April

Mon	Tue	Wed	Thurs	Fri	Sat	Sun
		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			

Name: _____

Primary 5-a-day

Diamond



6th January

$5 \times 3 =$

15

$65 + 17 =$

82

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

9

12

15

18

Write the next number

21

Tim has 46 pens.

Chloe has 27 pens.

How many pens do Tim and Chloe have altogether?

$$\begin{array}{r} 46 \\ + 27 \\ \hline 73 \end{array}$$

73

Ben has £1

He buys two apples that cost 45p each.



45p



45p

How many money will Ben have left?

$$\begin{array}{r} 45 \\ + 45 \\ \hline 90 \end{array}$$

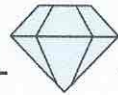
$100 - 90 = 10$

10 p

Name: _____

Primary 5-a-day

Diamond



7th January

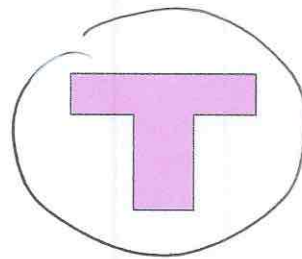
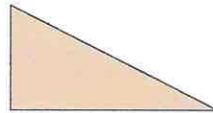
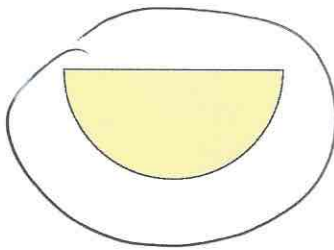
$$\frac{1}{3} \text{ of } 6 =$$

2

$$81 - 15 =$$

66

		7					
		8	1				
		-	1	5			
			6	6			

Circle the shapes that have a **line of symmetry**.

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

or

$$20 \div 1 = 20$$

$$20 \div 10 = 2$$

$$20 \div 5 = 4$$

(four different numbers)

$$20 \div \boxed{2} = \boxed{10}$$

$$20 \div \boxed{4} = \boxed{5}$$

There are 70 pencils in a box.

30 pencils are green.

28 pencils are blue.

The rest of the pencils are red.

How many red pencils are in the box?

$$70 - 30 = 40$$

$$40 - 28 = 12$$

12

Name: _____

Primary 5-a-day

Diamond



8th January

$2 \times 2 =$

4

$11 \times 10 =$

110

Here are some signs.

=

<

>

Write a sign in the box to make this correct.

12

$24 \div 2$

>

10

5×2

Max's sunflower is 25cm taller than Bob's sunflower.

How tall is Max's sunflower?

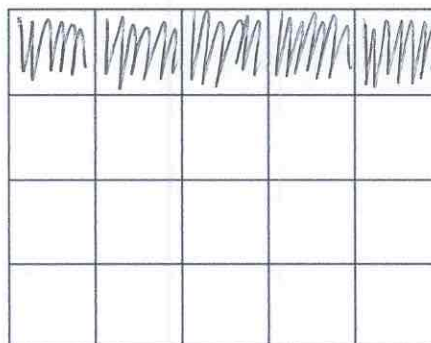
$$\begin{array}{r} 47 \\ + 25 \\ \hline 72 \end{array}$$

Max's sunflower

Bob's sunflower

72 cm

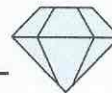
47 cm

Shade $\frac{1}{4}$ of the shape.

Name: _____

Primary 5-a-day

Diamond



10th January

$$\frac{1}{4} \text{ of } 16 =$$

4

$$60 \div 5 =$$

12

Cara has these coins.



How much money does Ben have?

$$\frac{1}{2} \text{ of } 62 = 31$$

Ben has half the amount of money that Cara has.

31 p

Lee and Harry take part in a quiz.

Lee scored 55 points.

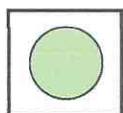
Harry scored 39 points.

How many more points did Lee score than Harry?

$$\begin{array}{r} 415 \\ - 39 \\ \hline 16 \end{array}$$

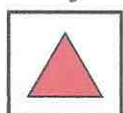
16 points

4



$$+ 16 = 20$$

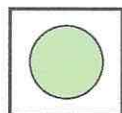
5



$$- 3 = 2$$

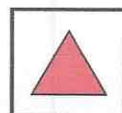
Write the missing number.

4



x

5



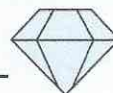
=

20

Name: _____

Primary 5-a-day

Diamond



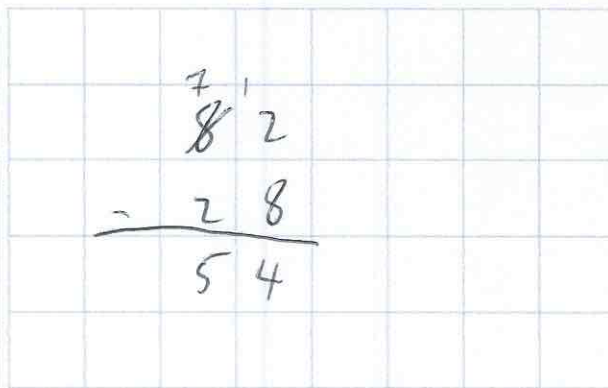
11th January

$10 \div 2 =$

5

$82 - 28 =$

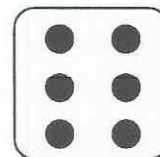
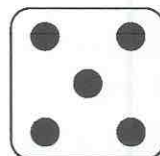
54



Multiply the numbers shown on the dice

$5 \times 6 = 30$

30



Imogen has 6 boxes.



Lorcan has twice as many boxes as Imogen.

$6 \times 2 = 12$

How many boxes do Imogen and Lorcan have altogether?

$6 + 12 = 18$

18

$\frac{3}{4} \text{ of } 20 = \frac{1}{2} \text{ of}$

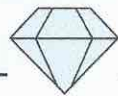
30

15

Name: _____

Primary 5-a-day

Diamond



12th January

$20 \div 10 =$

2

$9 \times 5 =$

45

Here is a pattern of shapes.

How many squares will be in shape 4?

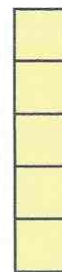
9

3



Shape 1

5



Shape 2

7



Shape 3

The table shows the number of visitors to a library.

Day	Visitors
Monday	62
Tuesday	45
Wednesday	71
Thursday	55
Friday	39

Which day did the library have the **most** visitors?

Monday

Tuesday

Wednesday

Thursday

Friday

Finn has 80p

He buys two pencils.

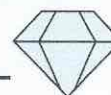
Each pencil costs 15p

$2 \times 15 = 30$

How much money does Finn have left?

$80 - 30 = 50$

50 p



13th January

$40 \div 5 =$

8

22

$+45 = 67$

			6	7			
			-	4	5		
				2	2		

Find the **sum** of 23 and 35

$$\begin{array}{r} 23 \\ + 35 \\ \hline 58 \end{array}$$

58

Ollie has these coins.



32p

5 10 15 20 25 30

Sweets cost 5p each.

How many sweets can Ollie buy?

6

Pam has 30 sweets.



6 friends visit Pam.

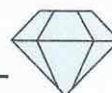
She gives them 2 sweets each.

How many sweets does Pam have left?

$6 \times 2 = 12$

$30 - 12 = 18$

18



14th January

$30 \div 10 =$

3

$97 -$

70

$= 27$

$$\begin{array}{r} 97 \\ - 27 \\ \hline 70 \end{array}$$

How many vertices does a cube have?



8

There are 5 biscuits in a pack.

Charlotte has 3 packs of biscuits.

How many biscuits does she have?

$5 \times 3 = 15$

15

Molly wants to post 60 letters.

On Monday, she posts 7 letters.

On Tuesday, she posts 28 letters.

How many letters does Molly have left to post?

$$\begin{array}{r} 28 \\ + 17 \\ \hline 45 \end{array}$$

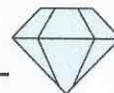
$$\begin{array}{r} 60 \\ - 45 \\ \hline 15 \end{array}$$

25

Name: _____

Primary 5-a-day

Diamond



15th January

$$\frac{1}{3} \text{ of } 15 = \boxed{5}$$

$$44 + \boxed{39} = 83$$

		7	1				
		8	3				
		-	4	4			
		—					
		3	9				

City	Temperature
Belfast	19°C
Cardiff	26°C
Edinburgh	18°C
London	32°C

Work out the **difference** between the temperature in Edinburgh and the temperature in London

$$\begin{array}{r} 26 \\ - 18 \\ \hline 8 \end{array}$$

$$\boxed{14^\circ\text{C}}$$

Two apples cost 60p.

How much is one apple?

$$60 \div 2 = 30$$

$$\boxed{30 \text{ p}}$$

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

It takes Penny a total of 1 hour.

She spends 20 minutes learning her spellings.

How long did it take Penny to draw the picture?

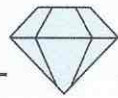
$$60 - 20 = 40$$

$$\boxed{40 \text{ minutes}}$$

Name: _____

Primary 5-a-day

Diamond



16th January

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

$$57 + 43 = \boxed{100}$$

		5	7				
		+	4	3			
		1	0	0			

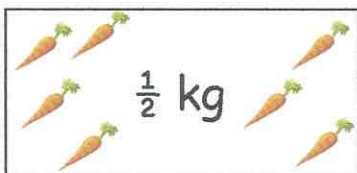
Ava has **three** 20p coins and **six** 5p coins.

How much money does Ava have?

$$\begin{array}{r} 3 \times 20 = 60 \\ 6 \times 5 = 30 \\ \hline 90 \end{array}$$

 $\boxed{90 \text{ p}}$

A box holds **half a kilogram** of carrots.



How many boxes are needed for 2kg of carrots?

$$\frac{1}{2} \quad 1 \quad 1\frac{1}{2} \quad 2$$

 $\boxed{4}$

Each team at a quiz has 5 members.

Altogether 60 people take part in the quiz.

How many teams are there?

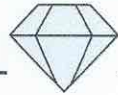
$$60 \div 5 = 12$$

 $\boxed{12}$

Name: _____

Primary 5-a-day

Diamond



17th January

$2 \times 11 = 22$

$44 - 15 = 29$

$$\begin{array}{r} 3 \\ 44 \\ - 15 \\ \hline 29 \end{array}$$

Write the number
two hundred and eighty-one
in figures.

281

281

Alan makes 8 pancakes.
Beth makes 14 pancakes.
Cillian makes 20 pancakes.

They eat 16 pancakes.

How many pancakes are left?

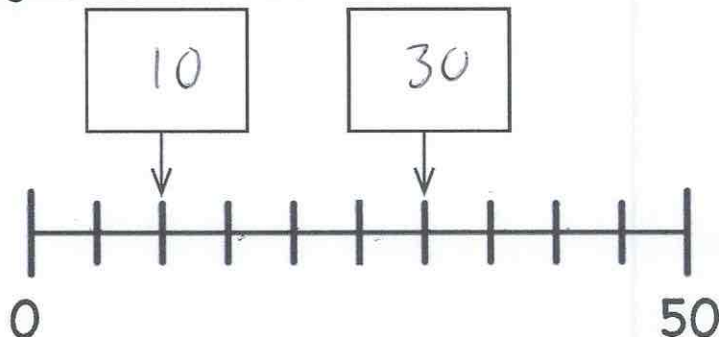
$8 + 14 = 22$

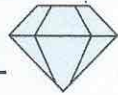
$22 + 20 = 42$

$$\begin{array}{r} 3 \\ 42 \\ - 16 \\ \hline 26 \end{array}$$

26

Write the missing numbers in the boxes.





18th January

$$15 \div 5 = \boxed{3}$$

$$\boxed{57} - 18 = 39$$

$$\begin{array}{r} 39 \\ + 18 \\ \hline 57 \end{array}$$

Jonah has five cookies.

George has nine times that number of cookies.

How many cookies does George have?

$$5 \times 9 = 45$$

$$\boxed{45}$$

Write in the missing numbers in this pattern.

$$\boxed{15}$$
$$\boxed{35}$$
$$\boxed{55}$$
$$\boxed{75}$$
$$\boxed{95}$$

There are 10 stickers in a packet.

Finn opens 10 packets of stickers.

16 of the stickers are shiny and the rest are not shiny.

How many stickers are **not shiny**?

$$10 \times 10 = 100$$

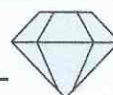
$$100 - 16 = 84$$

$$\boxed{84}$$

Name: _____

Primary 5-a-day

Diamond



19th January

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

5

$$100 - \boxed{61} = 39$$

$$\begin{array}{r} 100 \\ - 61 \\ \hline 39 \end{array}$$

Here are some numbers, in order from smallest to largest.

125

?

148

201

smallest

largest

Circle the number that could be the missing number.

154

119

123

135

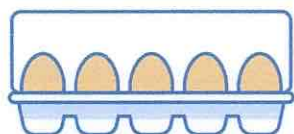
Write the missing number in the box.

20

$$2 \times 10 = 5 \times$$

4

A box holds 5 eggs.



How many eggs are there in 8 boxes of eggs?

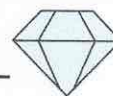
$$8 \times 5$$

40

Name: _____

Primary 5-a-day

Diamond



20th January

$5 \times 10 =$ 50

$53 + 28 =$ 81

		5	3				
		+	2	8			
		8	1				

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



Altogether there are 15 flowers in the garden.

How many rows of flowers are there?

$15 \div 3 = 5$

5

Charlene has 100ml of honey.

She pours 45ml into one bowl.

She then pours 30ml into another bowl.

How much honey does she have left?

$45 + 30 = 75$

$100 - 75 = 25$

25 ml

Tom reads for 2 hours. *120 min*

Olivia reads for 130 minutes.

Who spends more time reading?

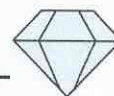
Tom

Olivia

Name: _____

Primary 5-a-day

Diamond



21st January

$4 \times 2 =$

8

$45 \div 5 =$

9

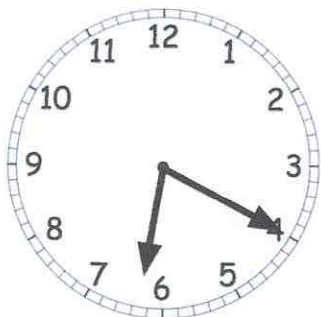
Tick the calculation that **does not** equal 10

2×5

5×2

$20 \div 2$

$2 \div 20$ ✓

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

twenty to six

twenty past six ✓

four minutes past six

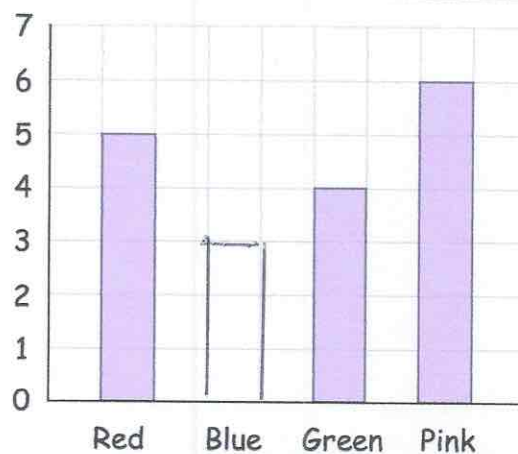
four minutes to six

There are 18 sweets in a bag.

Complete the chart to show
the number of blue sweets.

$5 + 4 + 6 = 15$

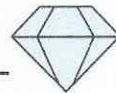
$18 - 15 = 3$

Number
of sweets

Name: _____

Primary 5-a-day

Diamond



22nd January

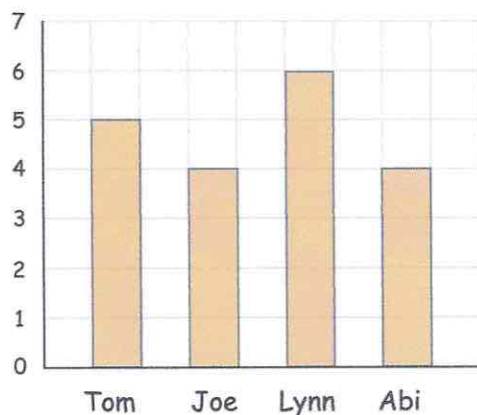
$99 + 11 =$

110

$\frac{3}{4}$ of 40 =

30

Correct answers



Circle the names of the two children who had the **same** number of correct answers.

Tom

Joe

Lynn

Abi

Match the measurement to right unit.

mass of an apple

temperature in a town

length of a pen

cm

g

°C

Ricky and Sarah share the batteries.

How many do they each get?

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

35

15 batteries

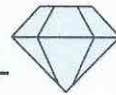
10 batteries

10 batteries

10 batteries

15 batteries

10 batteries



23rd January

$6 \div 2 =$

3

$52 - 39 =$

13

$$\begin{array}{r} 4 \\ 52 \\ - 39 \\ \hline 13 \end{array}$$

There are 12 sweets in a bag.

$\frac{1}{4}$ of the sweets are yellow.

How many yellow sweets are in the bag?

$$\frac{1}{4} \text{ of } 12 = 3$$

3

Otis has 6 bags of muffins.

Each bag has 5 muffins.

Otis eats 12 muffins.

How many muffins does Otis have left?

$$6 \times 5 = 30$$

$$30 - 12 = 18$$

18

Tilly has a cube.

She paints 2 faces red and the rest of the faces green.

How many green faces are there?

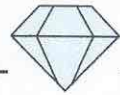
$$6 - 2 = 4$$

4

Name: _____

Primary 5-a-day

Diamond



24th January

$3 \times 3 =$

9

$18 + 47 =$

65

$$\begin{array}{r} 47 \\ + 18 \\ \hline 65 \end{array}$$

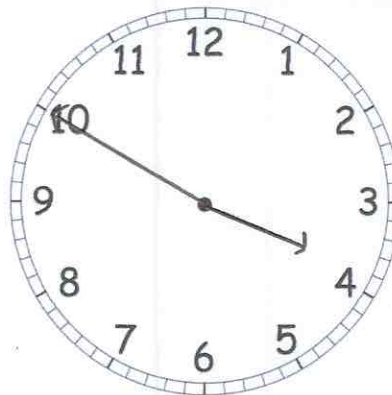
Tick the day that is **3 days after** Thursday.

Sunday



Friday

Monday

Show the time **ten to four** on the clock.Max has 12p in 2p coins. *6 coins*Summer has 50p in 10p coins. *5 coins*Who has **more** coins?

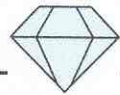
Max

Summer

Name: _____

Primary 5-a-day

Diamond



25th January

$60 \div 10 =$

6

$73 - 65 =$

8

$$\begin{array}{r} 73 \\ - 65 \\ \hline 8 \end{array}$$

Fill in the missing number so that the numbers on cards multiply together to give 14

7 2

Esme has 60 cards.

She shares them equally into 6 piles.

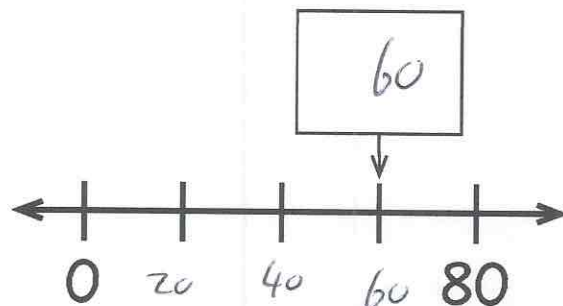
How many cards are in each pile?

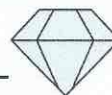
$60 \div 6 = 10$

10

Here is a number line.

Write the missing number in the box.





26th January

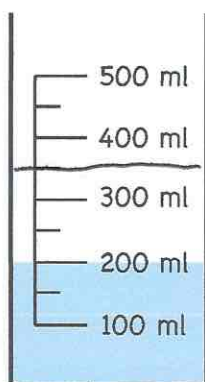
$12 \times 2 =$

24

$60 \div 5 =$

12

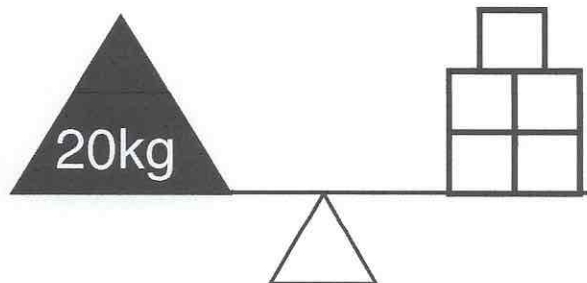
Henry has some water in a jug.



He pours 150ml more water into the jug.

How much water will there now be in the jug?

350 ml



How much does each wooden block weigh?

$20 \div 5 = 4$

4 kg

○ means £10

Tom	○ ○
Peter	○ ○ ○ ○ ○ ○
Frank	○
Cora	○ ○ ○ ○

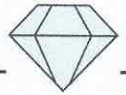
How much money did Peter raise for charity?

£60

Name: _____

Primary 5-a-day

Diamond



27th January

$5 \times 5 =$

25

$40 + 40 + 40 =$

120

5

30

Use the 5 and 30 to make each of these correct.

5

x

6

=

30

6

x

5

=

30

30

÷

5

=

6

30

÷

6

=

5

There are 15 sweets in a bag.

Complete the block diagram.

Red



Green



Pink



Yellow



1 2 3 4 5 6 7 8

number of sweets

Wes weighs 37 kg

Nick weighs 48 kg

How much do they weigh altogether?

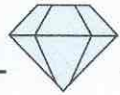
85 kg

$$\begin{array}{r} 37 \\ + 48 \\ \hline 85 \end{array}$$

Name: _____

Primary 5-a-day

Diamond



28th January

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

10

$$33 + 37 =$$

70

$$\begin{array}{r} 37 \\ + 33 \\ \hline 70 \end{array}$$

How many sides do 5 octagons have altogether?

$$5 \times 8 = 40$$

40

Willow has 74 bracelets.

She sells 19 bracelets.

How many bracelets does Willow have left?

$$\begin{array}{r} 74 \\ - 19 \\ \hline 55 \end{array}$$

55

Here are 3 number cards.

3

9

1

Use ^{three} ~~two~~ of the cards to make the largest possible 3 digit number.

9

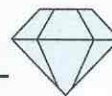
3

1

Name: _____

Primary 5-a-day

Diamond



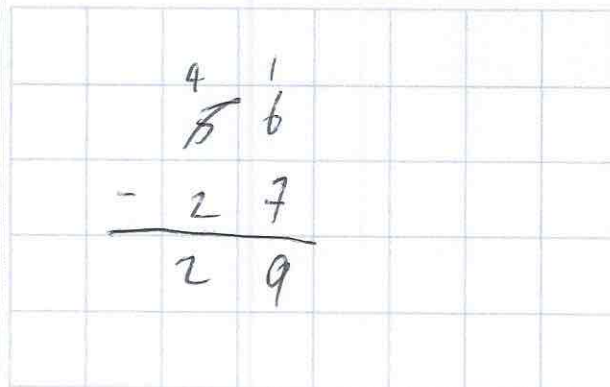
29th January

$1 \times 10 =$

10

$56 - 27 =$

29



Ruth makes towers that are 5 blocks tall.

Altogether she uses 30 blocks.

How many towers did she make?



$30 \div 5 = 6$

6

Tick the month that is **two months after** June.

July

August ✓

April

Elsie has 92p

Elsie gives Kate these coins.



How much money does Elsie have left?

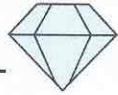
$$\begin{array}{r} 92 \\ - 35 \\ \hline 57 \end{array}$$

57 p

Name: _____

Primary 5-a-day

Diamond



30th January

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

35

$$62 - \boxed{47} = 15$$

$$\begin{array}{r} 5 2 \\ 6 2 \\ - 1 5 \\ \hline 4 7 \end{array}$$

Here are some signs.

=

<

>

Write a sign in the box to make this correct.

$$5 \times 5$$

>

$$30 - 6$$

There are 52 people on a train.

27 people get off the train.

13 people get on the train.

How many people are now on the train?

$$\begin{array}{r} 52 \\ - 27 \\ \hline 25 \end{array} + \begin{array}{r} 25 \\ + 13 \\ \hline 38 \end{array}$$

38

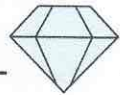
Gillian has £22

Laura has £5 **more than** Gillian

How much money do they have altogether?

$$\begin{array}{r} 22 \\ 27 \\ \hline 49 \end{array}$$

£ 49



31st January

$40 \div 10 =$

4

$\frac{3}{4}$ of 8 =

6

Player	Goals scored
Tom	12
Conor	10
Ben	9
Jack	4

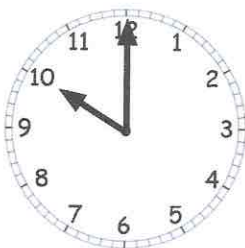
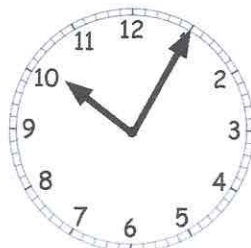
How many goals were scored altogether?

$12 + 10 = 22$

$22 + 9 = 31$

$31 + 4 = 35$

35

Got to the
bus stopGot **on** the
bus

How long did Frazer spend at the bus stop waiting for the bus?

5 minutes

Dean has 4 packets of balloons.

Each packet has 10 balloons.

Dean blows up all of the balloons.

18 of the balloons pop.



How many balloons are left?

$4 \times 10 = 40$

$40 - 18 = 22$

22