

1st December

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

45

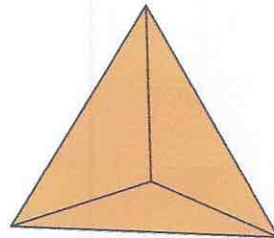
$28 + 28 =$

56

$$\begin{array}{r} 28 \\ + 28 \\ \hline 56 \end{array}$$

How many edges does a triangular-based pyramid have?

6



How many 5p coins make 35p?

7



Last year Max was 68cm tall.

Now he is 81cm tall.

How much has Max grown?

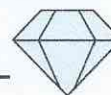
$$\begin{array}{r} 81 \\ - 68 \\ \hline 13 \end{array}$$

13 cm

Name: _____

Primary 5-a-day

Diamond



2nd December

$2 \times 1 =$

2

$84 - 57 =$

27

$$\begin{array}{r} 7 \\ 84 \\ - 57 \\ \hline 27 \end{array}$$

Mrs Wilson has 30 sweets.

She shares the sweets equally between 6 children.

Complete the number sentence to show how many sweets each child gets.

30

 $\div$

6

 $=$

5

How many days are there in 10 weeks?

70

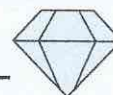
On Monday he posted 34 Christmas cards.
On Tuesday he posted 28 Christmas cards.



How many Christmas cards has he posted altogether?

$$\begin{array}{r} 34 \\ + 28 \\ \hline 62 \end{array}$$

62



3rd December

$20 \div 5 =$

4

$10 \times 9 =$

90

If I add 41 to the number I am thinking of, I get an answer of 70



What number is Francesca thinking of?

$$\begin{array}{r} 70 \\ - 41 \\ \hline 29 \end{array}$$

29

35 adults and 47 children watch a hockey match.

How many people are watching the football match altogether?

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

82

The table shows the number of matches won by teams over 5 years.

Team	Matches Won
Bath	56
Bristol	45
Leicester	51
Newcastle	37

Which team won the most matches?

Bath

Bristol

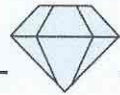
Leicester

Newcastle

Name: _____

Primary 5-a-day

Diamond



4th December

$5 \times 4 =$

20

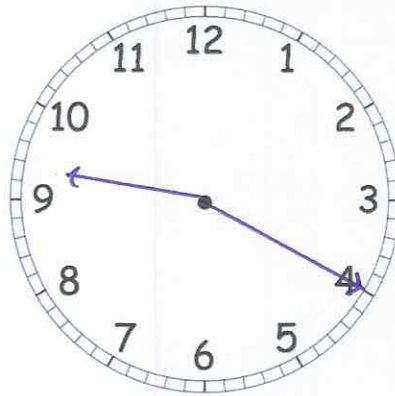
$16 + 65 =$

81

$$\begin{array}{r} 65 \\ + 16 \\ \hline 81 \end{array}$$

Draw a 6cm line.

6cm

Show the time **twenty past nine** on the clock.

A cycle track is 200 metres.

Liam cycles 2 laps of the track.



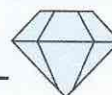
How far has Liam cycled?

400 metres

Name: _____

Primary 5-a-day

Diamond



5th December

$2 \times 8 =$

16

72

$- 54 = 18$

$$\begin{array}{r} 54 \\ + 18 \\ \hline 72 \end{array}$$

Henry needs 15 pencils.

The pencils are sold in packs of 3.

How many packs of pencils should Henry buy?

$15 \div 3 = 5$

5

Circle the two equal fractions.

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

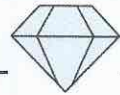
A drink costs £3.40

£1.60

Ella pays with a £5 note.

Circle each coin she gets in her change.





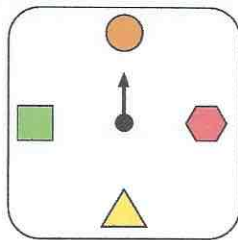
6th December

$80 \div 10 =$

8

$12 \times 10 =$

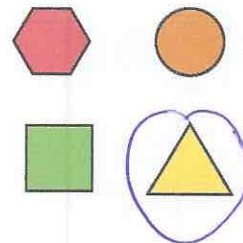
120



The arrow is spun a **quarter turn clockwise**.

Then the arrow is spun another **quarter turn clockwise**.

Circle the shape that the arrow is now pointing at.



Mark measures how heavy a bowl is.

Tick suitable units.

grams



litres

centimetres

There are 10 hairbands in a packet.

Esme needs 46 hairbands.

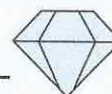
How many packets of hairbands should Esme buy?

5

Name: _____

Primary 5-a-day

Diamond



7th December

$30 \div 5 =$

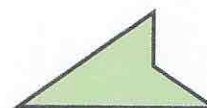
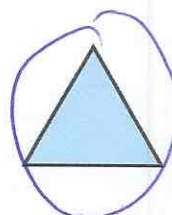
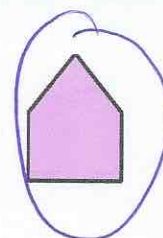
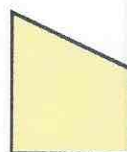
6

$\frac{1}{3}$ of

6

$= 2$

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



How many minutes are in a **quarter of an hour**?

15

Lisa has **three** of the same coin.

Cross out the amounts of money that she **could not have**.

5 5 5

10 10 10

15p

~~20p~~

30p

20 20 20

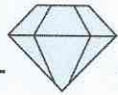
~~40p~~~~50p~~

60p

Name: _____

Primary 5-a-day

Diamond



8th December

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

5

$$58 + 22 =$$

80

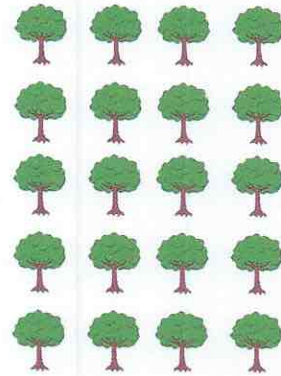
$$\begin{array}{r} 58 \\ + 22 \\ \hline 80 \end{array}$$

A farmer has 20 trees.

He cuts down $\frac{3}{4}$ of the trees.

How many trees did the farmer cut down?

15



How many days are there in December?

31

Paige has 3 trays of pencils.

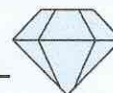
32
pencils18
pencils12
pencils

She gives 23 pencils away.

How many pencils does Paige have left?

$$\begin{array}{r} 32 \quad 50 \\ + 18 \quad + 12 \\ \hline 50 \quad 62 \\ 562 \\ - 23 \\ \hline 539 \end{array}$$

39



9th December

$$\frac{1}{2} \text{ of } 32 =$$

16

$$12 \times 10 =$$

120

There are 4 tables.
10 people sit at each table.

Which calculations can be used to
work out how many people sat at
the tables altogether?

$$4 + 4 + 4 + 4$$

$$10 + 10 + 10 + 10$$

$$10 \div 4$$

$$10 \times 4$$

✓

✓

Paul has 20p coins.

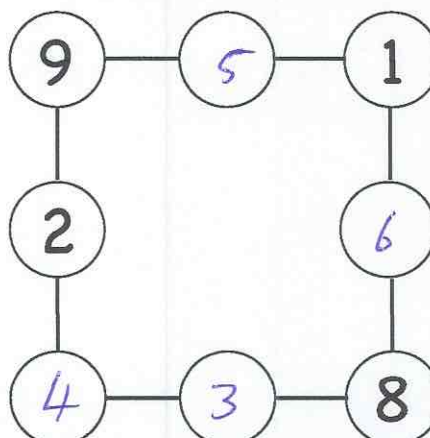
Altogether he has 80p

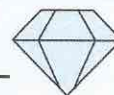
How many 20p coins does Paul
have?

4

Each line adds up to 15.

Fill in the missing numbers.





10th December

$7 \times 2 =$

14

$74 - 38 =$

36

$$\begin{array}{r} 6 4 \\ - 38 \\ \hline 36 \end{array}$$

Here are some signs.

=

<

>

Write a sign in the box to make this correct.

5×7

>

$22 + 11$

Hunter has five tokens.

Jakub has eleven times that number of tokens.

How many tokens does Jakub have?

$11 \times 5 = 55$

55

Two lemons cost 70p.

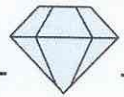
How much is one lemon?

35 p

Name: _____

Primary 5-a-day

Diamond



11th December

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

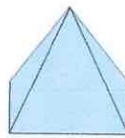
4

$$12 \times 5 =$$

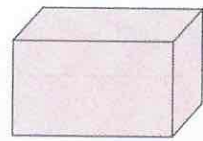
60

Which shape has more **edges**?

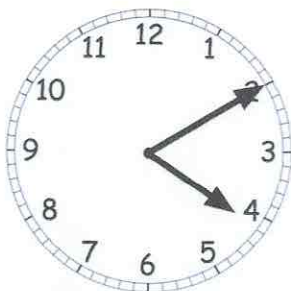
8

Square-based
Pyramid

12



Cuboid

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

ten past three

ten to four

ten past four

ten to five



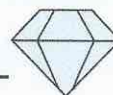
Write down four coins that have a total of £1

50 p

20 p

20 p

10 p



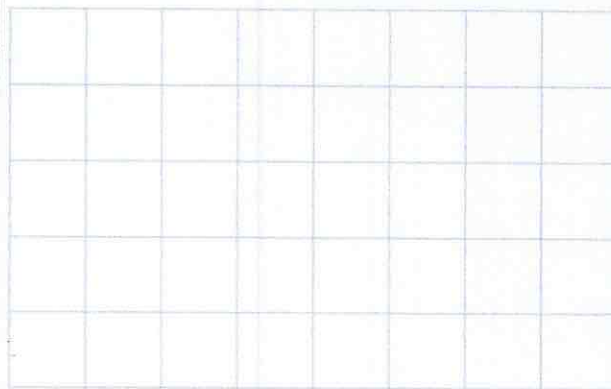
12th December

$14 \div 2 =$

7

$41 - 32 =$

9



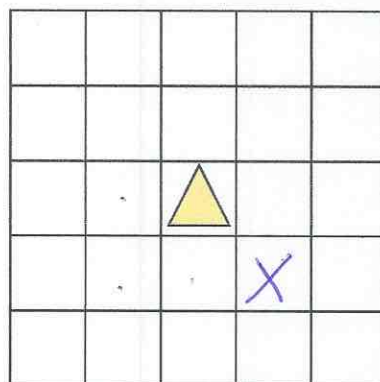
Starting at the triangle

move 1 square left

then 1 square down.

then 2 squares right.

Place a cross (x) in this square.



James plays 12 football matches.

His team win **three quarters** of their matches.

How many matches did his team win?

$\frac{3}{4} \text{ of } 12 = 9$

9

Write the missing number in the box.

40

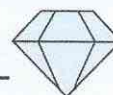
$5 \times 8 = 10 \times$

4

Name: _____

Primary 5-a-day

Diamond



13th December

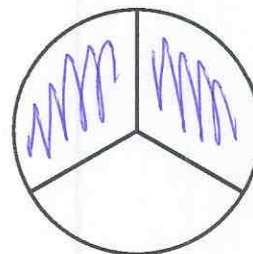
$3 \times 10 =$

30

$45 + 36 =$

81

$$\begin{array}{r} 45 \\ + 36 \\ \hline 81 \end{array}$$

Shade **two-thirds** of the circle.Count up in **nines**.

9

18

27

36

45

Daisy has 7 sweets.

Fred has 3 more sweets than Daisy.

Max has twice as many sweets as Daisy.

How many sweets do they have altogether?

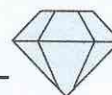
$24 + 7 = 31$

31

Name: _____

Primary 5-a-day

Diamond



14th December

$9 \times 2 =$

18

38

$+ 58 = 96$

$$\begin{array}{r} 8 \\ 96 \\ - 58 \\ \hline 38 \end{array}$$

The three numbers multiply to 70

Write the missing number.

10

2

5

7

Write the number 29 in words.

twenty-nine

It takes 2 minutes to fill a bath with water.



How many seconds are in 2 minutes?

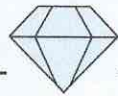
120

120

Name: _____

Primary 5-a-day

Diamond



15th December

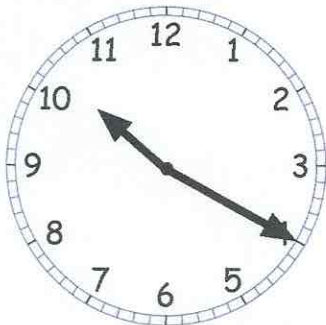
$60 \div 10 =$

6

$\frac{3}{4}$ of 20 =

15

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



ten past four

four minutes past ten

twenty past four

twenty past ten ✓

○ means 10 children

Bus	○ ○ ○ ○ ○ ○ ◐
Car	○ ○ ○ ○
Cycle	○ ◐
Walk	○ ○ ○ ○ ○ ○ ○

How many children travel to school
by **car**?

40

Olivia has these coins.



Darren has half the amount of
money that Olivia has.

How much money does Darren
have?

26 p

Name: _____

Primary 5-a-day

Diamond



16th December

$0 \times 10 =$

0

$45 +$

26

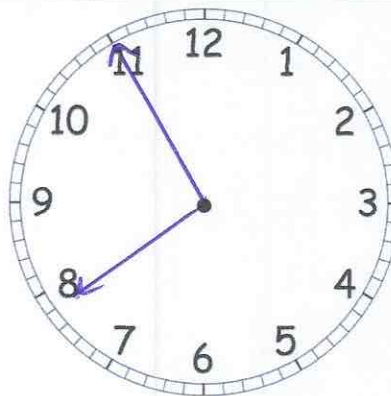
$= 71$

$$\begin{array}{r} \cancel{71}^6 \\ - 45 \\ \hline 26 \end{array}$$

Cerys has seven £2 coins.

How much money does Cerys have altogether?

£ 14

Show the time **five to eight** on the clock.

Write the missing number.

8

40

Divide by 5 then add 9

17

Name: _____

Primary 5-a-day

Diamond



17th December

$15 \div 5 =$

3

$35 + 28 =$

63

			3	5			
			+	2	8		
			6	3			

Eddie and his 4 friends are sharing sweets. ⁵

They share 40 sweets between them.

Complete the number sentence to show how many sweets they each get.

40

÷

5

=

8

Ellie puts 8 seeds in 5 flowerpots.

How many seeds did she put into the flowerpots altogether?

40

$8 \times 5 = 40$



Here is a pattern of shapes.

How many squares will be in shape 4?

10



Shape 1



Shape 2

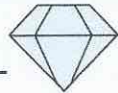


Shape 3

Name: _____

Primary 5-a-day

Diamond



18th December

$100 \div 10 =$

10

$83 -$

29

$= 54$

$$\begin{array}{r} 7 3 \\ 8 3 \\ - 54 \\ \hline 29 \end{array}$$

Here are some signs.

+

-

×

÷

Write a sign in each box to make each correct.

70

-

50

=

20

3

×

3

=

9

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

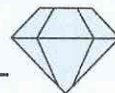
95 children go to a school.

36 of the children walk to school.

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

$$\begin{array}{r} 95 \\ - 36 \\ \hline 59 \end{array}$$

59



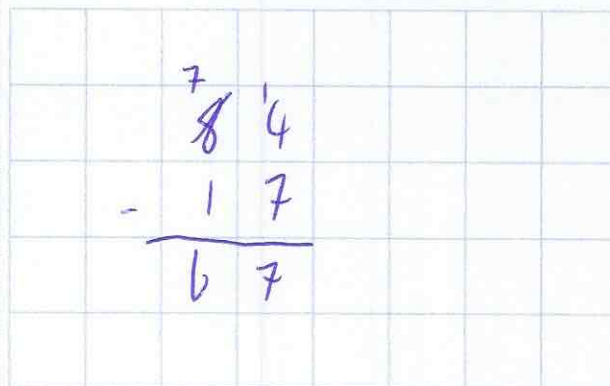
19th December

$8 \times 2 =$

16

$84 - 17 =$

67



Take 20 away from 200

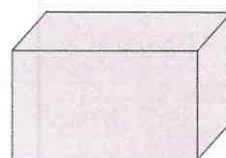
180

A cuboid has 12 faces

True

☐

False

☒

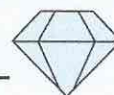
Bethan writes down a number.

She multiplies the number by 10 and then subtracts 3

Her answer is 37

What number did Bethan write down?

4



20th December

$18 \div 2 =$

9

$63 - 18 =$

45

$$\begin{array}{r} 53 \\ - 18 \\ \hline 45 \end{array}$$

How many centimetres are in one metre?

$1 \text{ m} =$

100 cm

Two footballs cost £14

£7 each

How much would three footballs cost?

$7 + 7 + 7$

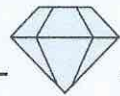
£ 21

	Age
Daisy	58
Emma	42
Hannah	25
Isaac	18
Jackson	81

Find the **sum** of Hannah's age and Emma's age.

$$\begin{array}{r} 42 \\ + 25 \\ \hline 67 \end{array}$$

67



21st December

$\frac{1}{3} \text{ of } 30 =$

10

$57 + 28 =$

85

$$\begin{array}{r} 57 \\ + 28 \\ \hline 85 \end{array}$$

There are 3 doughnuts in a box.

Logan has 3 boxes of doughnuts.

How many doughnuts does he have?



9

Match the measurement to right unit.

mass of an apple

capacity of a mug

height of a plant

cm

g

ml

There are 11 children in a class.

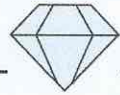
The teacher wants to give each child 2 books.

The books come in packs of 25.

How many books will the teacher have left?

$11 \times 2 = 22$

3



22nd December

$10 \div 10 =$

1

$84 + 8 =$

92

$$\begin{array}{r} 84 \\ + 8 \\ \hline 92 \end{array}$$

Matt has 60 toy cars.

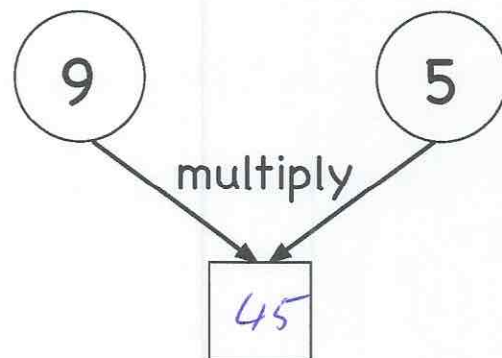
He shares them equally between 6 friends.

How many toy cars does he give to each friend?



10

Write the missing number.



Buy a table and get 4 chairs free.

The shop give away 20 chairs.

How many tables did they sell?

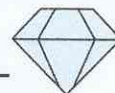
$20 \div 4 = 5$

5

Name: _____

Primary 5-a-day

Diamond



23rd December

$2 \times 3 =$

6

$10 \times 11 =$

110

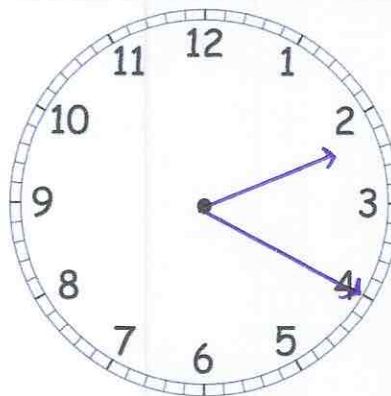
Callum has 16 boxes.

He wants to put an acorn in $\frac{3}{4}$ of the boxes.

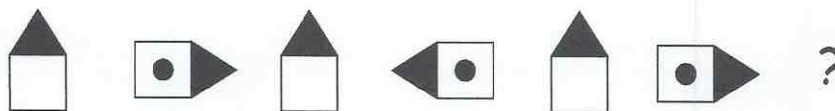
How many more acorns does Callum need?

7

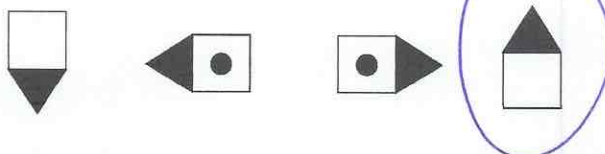
✓	✓	✓	✓
			✓
	✓	✓	

Show the time **twenty past two** on the clock.

Here is a pattern of shapes.



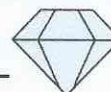
Circle the next shape.



Name: _____

Primary 5-a-day

Diamond



24th December

$4 \times 3 =$

12

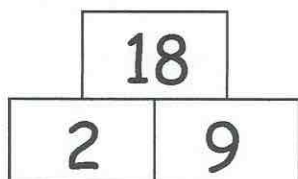
83

$- 39 = 44$

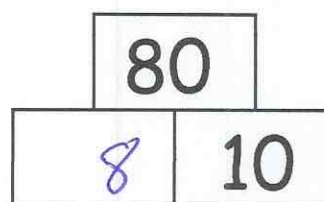
$$\begin{array}{r} 44 \\ + 39 \\ \hline 83 \end{array}$$

Here is a multiplication pyramid.

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



Fill in the missing number.



Maisie played 12 games of chess.

She won $\frac{3}{4}$ of the matches.

How many matches did Maisie win?

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

9

Melanie has a pizza.

She eats $\frac{3}{4}$ of the pizza.

What fraction of the pizza is left?

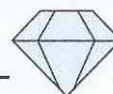
1

4

Name: _____

Primary 5-a-day

Diamond



25th December

$40 \div 5 =$

8

$61 - 24 =$

37

		5					
		6	1				
		-	2	4			
		3	7				

A candy cane costs 10p

Tom has £1

How many candy canes can Tom buy?



10

Draw a 7cm line.

7cm

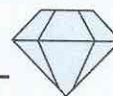
Put a digit in each box to make the calculation correct

1	7	+	6	3	=	8	0
---	---	---	---	---	---	---	---

Name: _____

Primary 5-a-day

Diamond



26th December

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

4

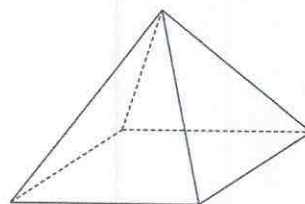
$$14 + 37 =$$

51

$$\begin{array}{r} 37 \\ + 14 \\ \hline 51 \end{array}$$

How many edges does a square based pyramid have?

8



Michael has 60 golf balls.

He loses 48 of the golf balls.

Michael gives a **quarter** of the golf balls that are left to Theo.

How many golf balls did Michael give to Theo?

$$60 - 48 = 12$$

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

3

30

$$10 \times 3 = \frac{1}{2} \text{ of}$$

60

Name: _____

Primary 5-a-day

Diamond



27th December

$98 + 10 = \boxed{108}$

$60 \div 5 = \boxed{12}$

24

2

Use the 24 and 2 to make each of these correct.

2

×

12

=

24

12

×

2

=

24

24

÷

2

=

12

24

÷

12

=

2



means 2 sweets

Ben	○ ○ 4
Carol	○ ○ ○ ○ ○ ○
Sam	○ ○ ○ ○ ○ 10
Tia	○ ○ 1

How many more sweets does Sam have than Ben?

6

Erin has these coins.

18



Daisy has **double** the amount of money that Erin has.

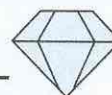
How much money does Daisy have?

36 p

Name: _____

Primary 5-a-day

Diamond



28th December

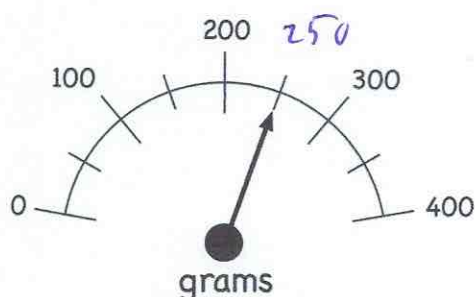
$2 \times 5 =$

10

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

12

Henry has some flour.



He uses 100 grams of the flour

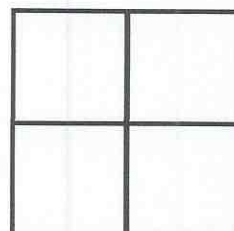
How much flour will Henry have left?

150 grams

How many squares are in this diagram?

4 small
1 large

5



Nita has 40 sweets.

 $\frac{1}{2}$ of the sweets are green. 20

11 sweets are blue.

The rest of the sweets are orange.

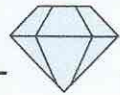
How many orange sweets are there?

9

Name: _____

Primary 5-a-day

Diamond



29th December

$6 \times 5 =$

30

$70 -$

17

$= 53$

$$\begin{array}{r} 6 \\ \cancel{7} 0 \\ - 53 \\ \hline 17 \end{array}$$

Fill in the missing numbers.

50

47

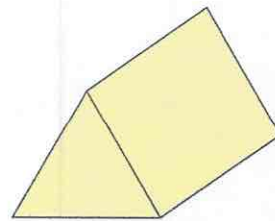
44

41

38

35

A triangular prism
has 6 edges

True ☐False ☒

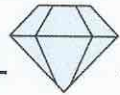
How many quarters are there in
two wholes?

8

Name: _____

Primary 5-a-day

Diamond



30th December

$4 \times 10 =$

40

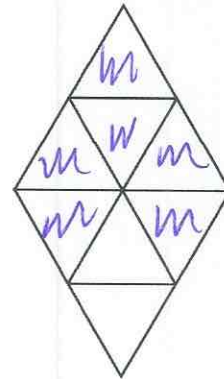
$47 + 47 =$

94

$$\begin{array}{r} 47 \\ + 47 \\ \hline 94 \end{array}$$

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

$\frac{3}{4} \text{ of } 8 = 6$



Sam is making rows of blocks.

Each row has 5 blocks.

How many blocks are in 12 rows?



12×5

60

Edward has two coins.

Cross out the amounts of money that he **could not have**.~~90p~~

50 50

£1

1 1

£2

~~£3~~

2 2

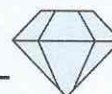
£4

~~£5~~

Name: _____

Primary 5-a-day

Diamond



31st December

$$\frac{1}{2} \text{ of } 46 = \boxed{23}$$

$$52 - 18 = \boxed{34}$$

$$\begin{array}{r} 48\frac{1}{2} \\ - 18 \\ \hline 30\frac{1}{2} \end{array}$$

Dan has 10 trays of cupcakes.

There are 6 cupcakes on each tray.

How many cupcakes does he have?

$$\boxed{60}$$

There are 58 books on a shelf.

16 more books are put on the shelf.

Then 24 books are taken off the shelf.

How many books are now on the shelf?

$$\begin{array}{r} 58 \\ + 16 \\ \hline 74 \end{array} \quad \begin{array}{r} 74 \\ - 24 \\ \hline 50 \end{array}$$



$$\boxed{50}$$

The time is **twenty-five to eight**.

What number is the minute hand pointing to?

4

5

$$\boxed{7}$$

8