



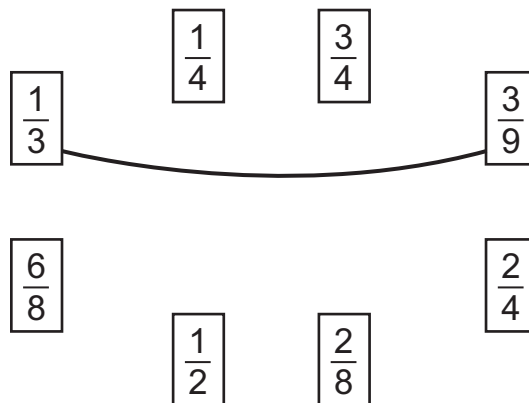
- 1 Here are some numbers.  
Put a circle around any number that is a multiple of 2 or 5 or 10.

36                      25                      51                      75  
68                      54                      17  
91  
83                      90                      32  
49

[2]

- 2 Below are some fractions.

Draw lines to join the fractions that are equivalent.  
One has been done for you.



[1]

Page Total

3 Petrea has 43 cherries.

She shares them out between four friends.

How many cherries does each friend get?

You may get a mark for your working out.

..... [2]

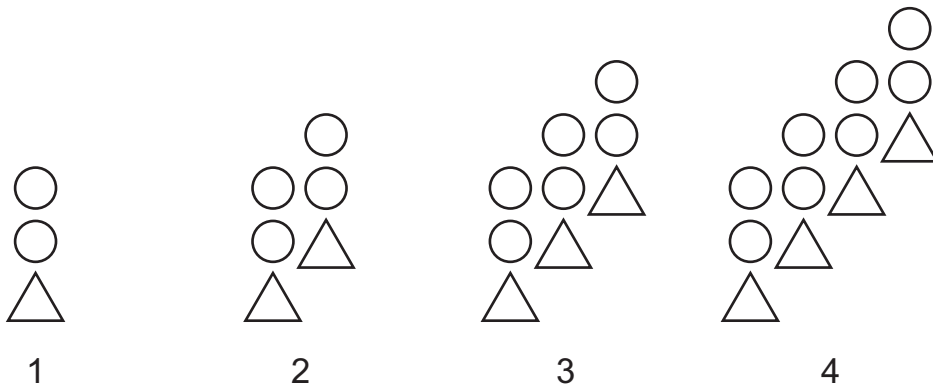
4 Monty says “I have \$1.00. If I buy fruit that costs 72c, I will get 18c change.”

Is Monty right or wrong?

Explain your answer. You may include working out.

[1]

5 Here is a sequence of circle and triangle patterns.



(a) How many circles would be in the next pattern?

.....circles [1]

(b) If there were 12 circles, how many triangles would there be?

.....triangles [1]

Page Total

- 6 Mrs Gupta asks her class if they like playing badminton and/or cricket. Here are the results.

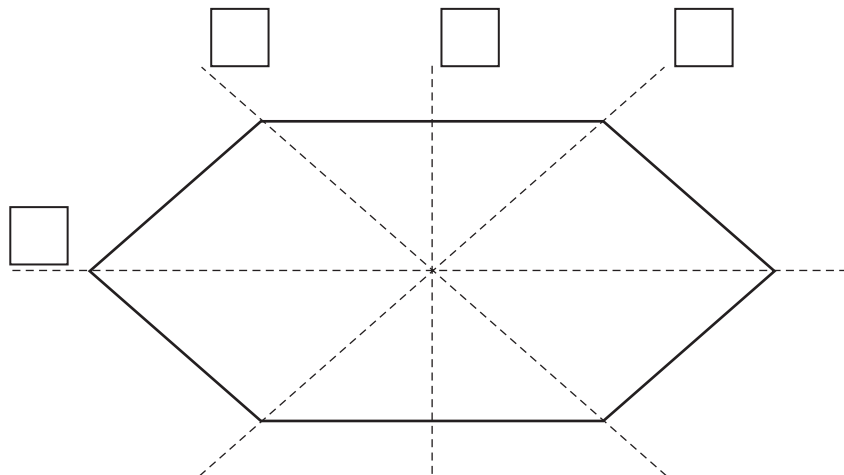
	likes playing cricket	likes playing badminton
boy		
girl		

How many girls like playing cricket and badminton in total?

..... [1]

- 7 Here is a 2D shape.

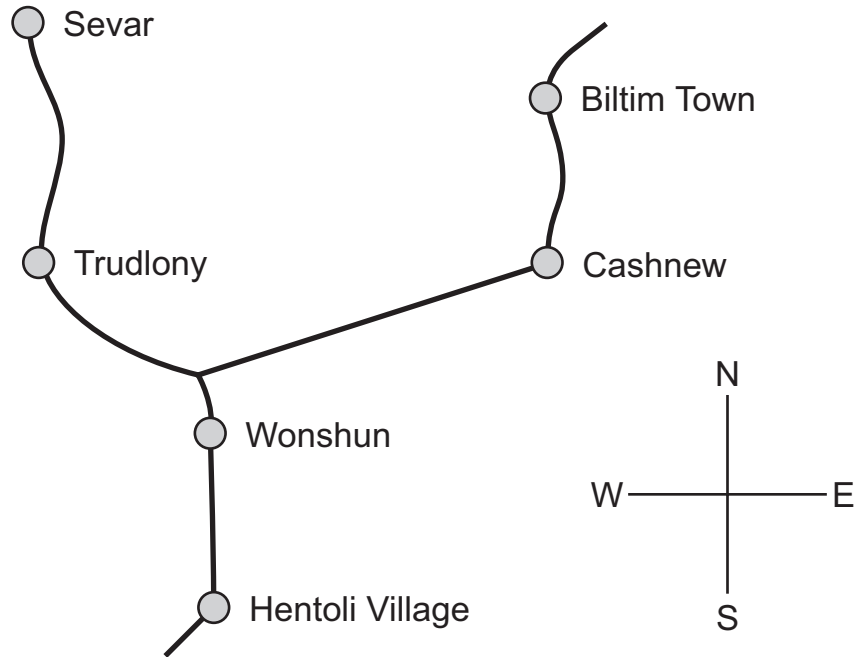
Tick every box that is next to a line of symmetry.



[1]

Page Total

8 Here is a map of part of a country.



What direction would you travel if you walk in a straight line from Cashnew to Trudlony?

..... [1]

9 Shahid counts for 150 seconds.

Write this time in minutes.

.....minutes [1]

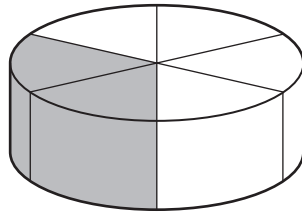
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10 Write the next **two** numbers in the sequence below.

17	11	5	-1		
----	----	---	----	--	--

[1]

11 (a) This drawing shows a cheese divided into equal pieces.



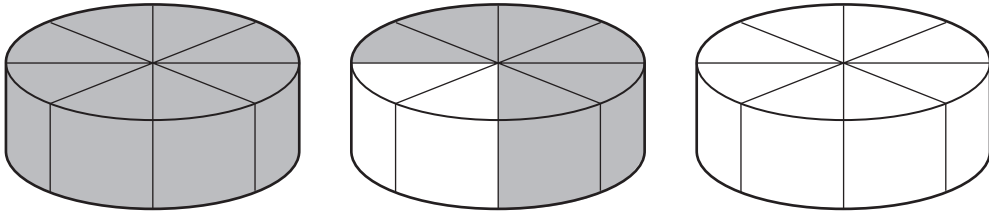
What fraction of the cheese is shaded?

$$\frac{\square}{\square}$$

[1]

Page Total

(b) Here are drawings of three whole cheeses divided into equal slices.



What mixed number gives the amount of whole cheeses shaded?


[1]

**12** A shopkeeper has 7 boxes in his shop.  
Each box contains 8 tins of tomatoes.

(a) How many tins of tomatoes are there in total?

..... [1]

(b) The same shop also sells boxes of tissues.  
There are 1200 sheets in each box.

How many sheets are there in 2 boxes?

..... [1]

Page Total

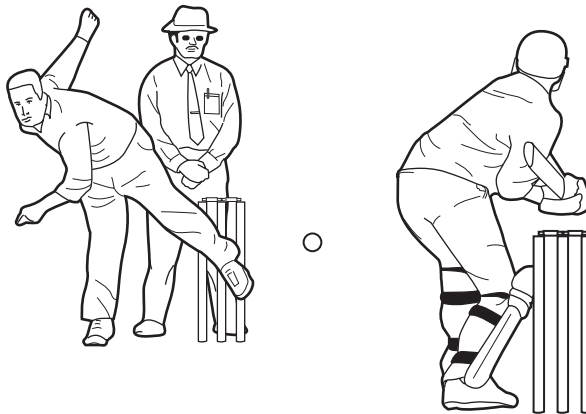
- 13 Eric's shelf is 75 cm long.  
Files are exactly 6 cm wide.



How many files can he fit on his shelf?

..... files [1]

- 14 Kamran plays cricket.  
In three innings, he scores a total of 125 runs.



- (a) If he scores 15 runs in his 1<sup>st</sup> innings, and 74 runs in his 2<sup>nd</sup> innings, how many runs does he score in his 3<sup>rd</sup> innings?

..... runs [1]

Page Total

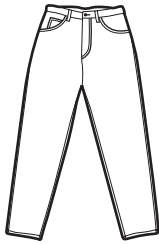


(b) In Kamran's 4<sup>th</sup> innings, he scored 99 runs.

What is his total number of runs scored after 4 innings?

.....runs [1]

15 Here are some items for sale in a shop.



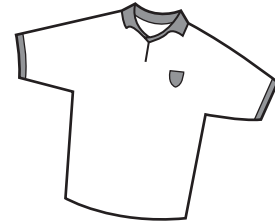
\$23



\$7.50



\$12.50



\$6.99

(a) What is the total cost of 5 T-shirts?

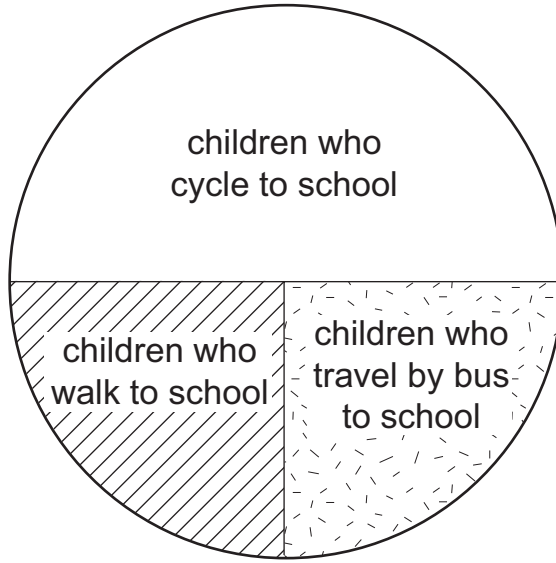
\$ ..... [1]

(b) What change is there from \$50 if you buy one pair of jeans and a hat?

\$ ..... [1]

Page Total

16 100 children were asked how they travel to school.  
The results are shown in this pie chart.



(a) How many children travel by bus to school?

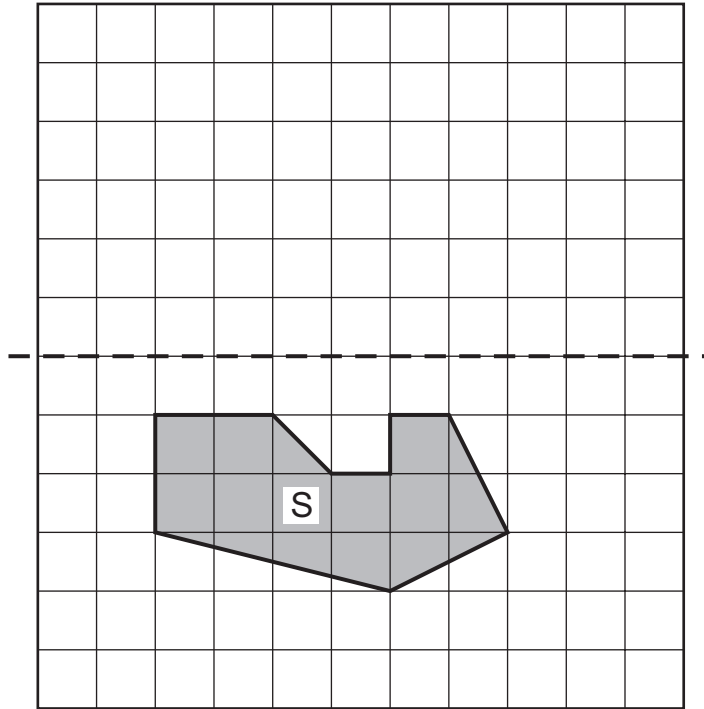
.....children [1]

(b) How many children do **not** cycle to school?

.....children [1]

Page Total

17 Draw the reflection of shape S in the mirror line.



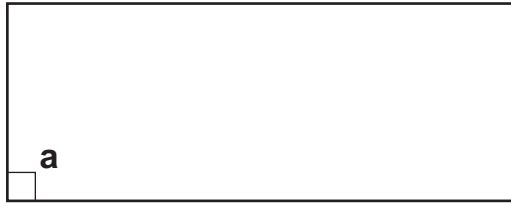
[1]



Page Total



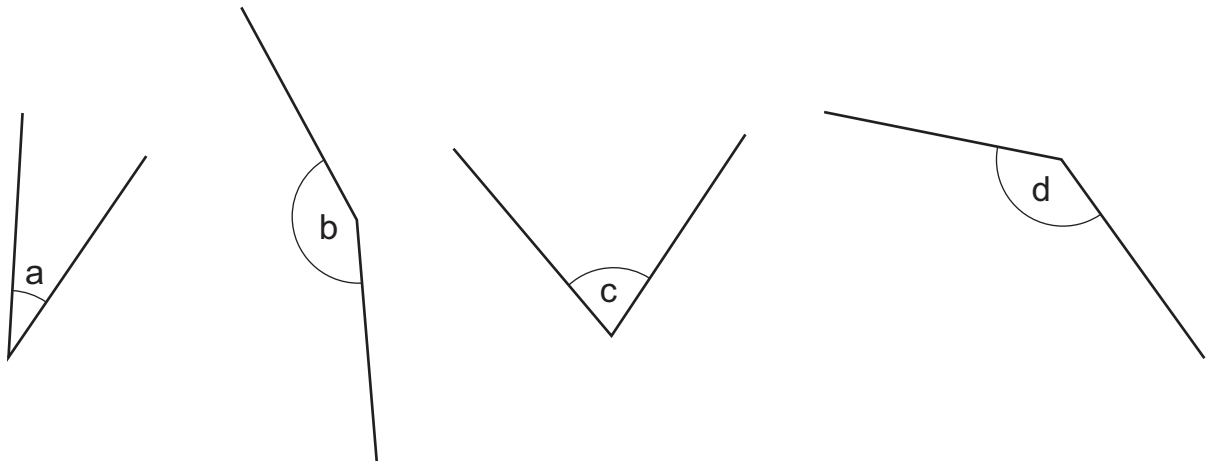
18 Here is a shape.



(a) What is half of angle **a**?  
Give your answer in degrees.

.....° [1]

(b) Here are four angles. Put them in order from smallest to largest.



smallest     largest

[1]

Page Total

19 Look at the bus timetable.

Bus stop	198a bus times	198b bus times
Limbo Drive	11.35	14.25
Vasco Street	11.58	-----
Heldo Street	12.17	15.01
Munro Place	12.33	15.17

(a) How long does it take to travel from Limbo Drive to Munro Place using the 198a bus?

.....minutes [1]

(b) How much quicker is the same journey using the 198b bus?

.....minutes [1]

20 (a) What is  $\frac{1}{3}$  of 186?

..... [1]

(b) Yasmin has saved \$185 in her savings account.  
She withdraws  $\frac{1}{5}$  of this money to spend.

How much money does she withdraw?

\$ ..... [1]

Page Total

21 Josh, Gabriella and Tomas take part in a cross country run. They use a pedometer to count the number of steps they each take.

Name	Steps
Josh	2978
Gabriella	3067
Tomas	3275

(a) How many steps did they take altogether?

Use this space for your working out.

..... [1]

(b) Ahmed takes only 2874 steps to complete the run. Add Ahmed's total to your total for Josh, Gabriella and Tomas.

What is the total number of steps taken by the four children?

Use this space for your working out.

..... [1]

22 Here is a formula showing the relationship between **a** and **b**.

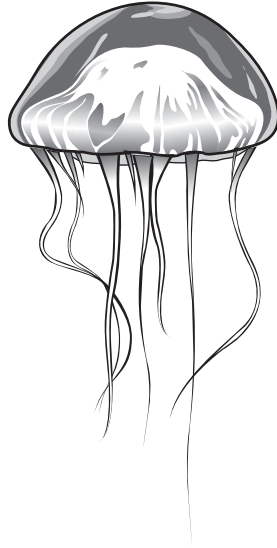
$$a = 5b$$

Describe this relationship in words.

[1]

Page Total

23 Julio collected data on the jellyfish numbers in the sea where he lives.



Month	Number of jellyfish
November	25
December	47
January	61
February	59
March	46

(a) What is the mean number of jellyfish?

..... [1]

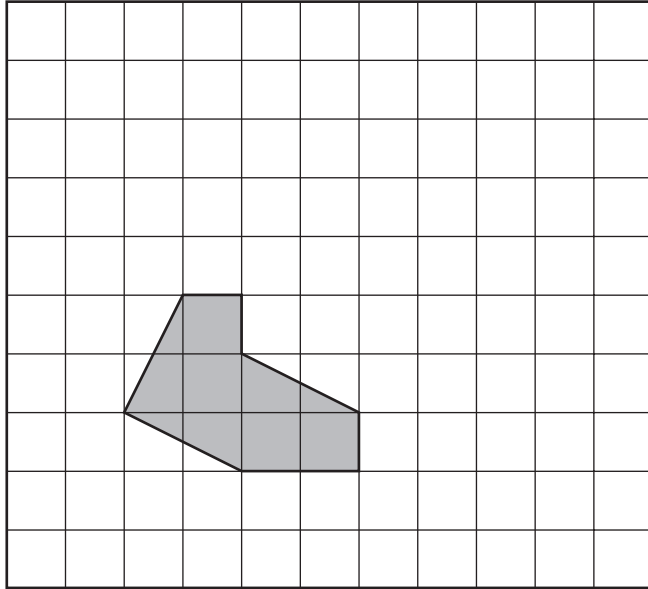
(b) What is the median number of jellyfish?

..... [1]

Page Total

24 This diagram shows a shape.

Draw the shape after a translation of 3 squares right and 5 squares up.



[1]

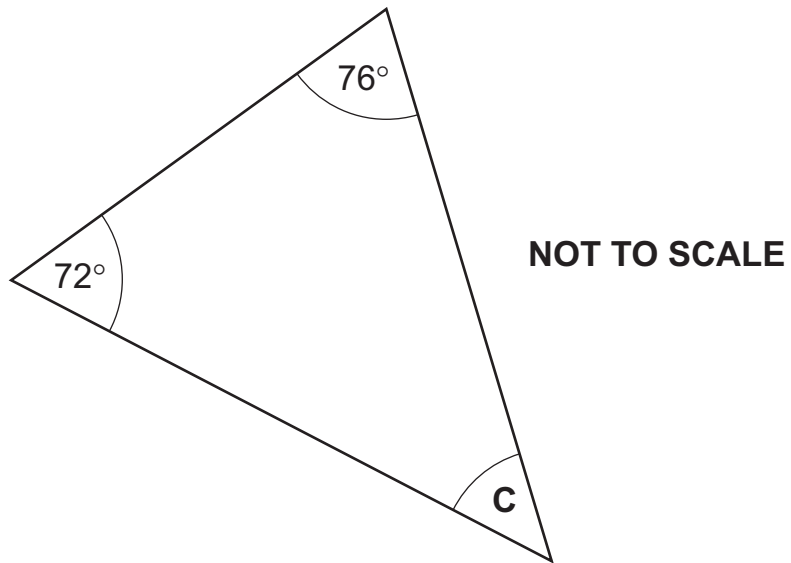


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25 Here is a diagram of a triangle.



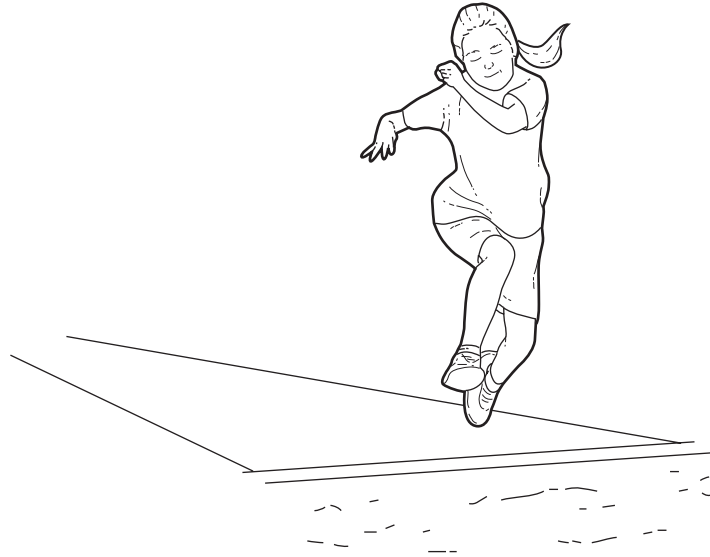
Calculate angle **C**.

.....°

[1]

Page Total

26 Jamila does a long jump of 3.45 metres.



Give this distance in centimetres.

..... cm

[1]

Page Total

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