

Handed out: 19.03.26

Due in: 25.03.26

Must:

Miss McLaughlin's group have been studying perimeter, which Miss Scannell's group are beginning next week, however, Miss Scannell's group have looked at perimeter before, in previous year groups.

Perimeter: The perimeter is the distance all the way around the outside of a 2D shape. To work out the perimeter, add up the lengths of all the sides.

For your homework, can you create a perimeter person? There's an example below.

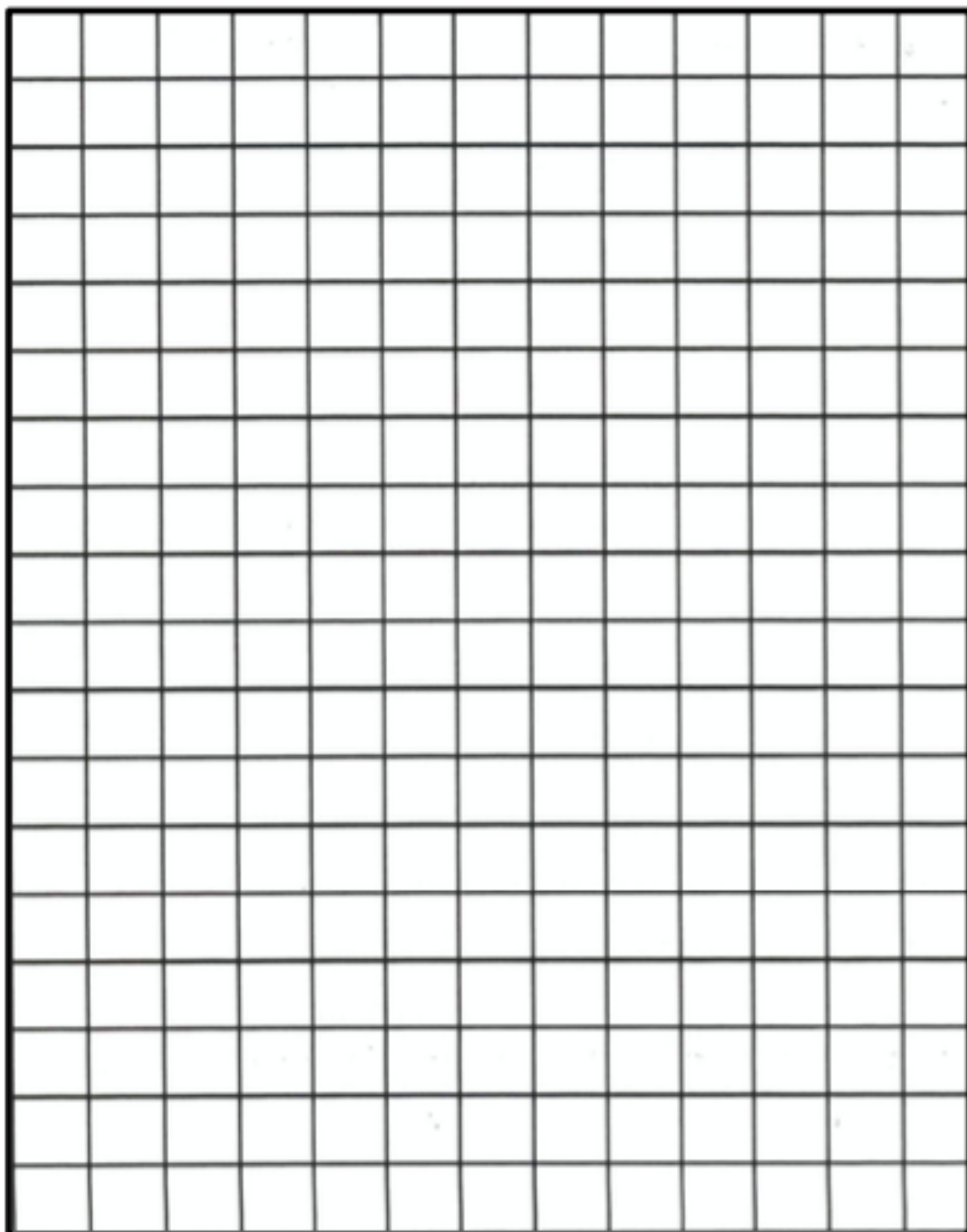
Colour in the squares (on the next page) to create a model of yourself. Once you have finished your colouring, label the length of each side in cm units. Then use these measurements to find the perimeter.

My Perimeter Person

Perimeter: 72 cm

Name : _____

My Perimeter Person



Perimeter: _____

Should:

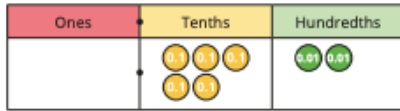
Version B



Decimals and percentages

Name: _____

1 Here is a number on a place value chart.



Write the number as a decimal.

1 mark

Write the number as a fraction.

1 mark

What is the number rounded to the nearest tenth?

1 mark

2 Match the underlined digits to the values.

0.46

6 ones

0.68

6 hundredths

61

6 tenths

36.8

6 tens

2 marks

6 There are 1,000 people at a concert.
538 of the people are children.

What fraction of the people are children?

1 mark

Write the fraction as a decimal.

1 mark

7 Mo is running a 1 km race.

He runs $\frac{845}{1000}$ of the race.

How many metres has Mo run so far?

 m

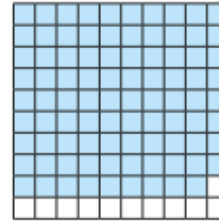
1 mark

What fraction of the race does he have left to run?

 km

1 mark

3 Here is a hundred square.



What percentage of the hundred square is shaded?

 %

1 mark

What fraction of the hundred square is shaded?

1 mark

4 Work out the missing numbers.

$$\frac{62}{100} = \frac{6}{10} + \frac{\square}{100}$$

$$\frac{\square}{10} + \frac{7}{\square} = \frac{27}{100}$$

3 marks

5 Complete the statement.

$$\frac{1}{4} = \square\%$$

1 mark

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8 The table shows the heights of four children.

Name	Height in metres
Alex	1.48
Jack	1.5
Tommy	1.37
Whitney	1.45

Write the names of the children in order from the tallest to the shortest child.

1 mark

Dora is taller than Whitney, but shorter than Jack.

How tall could Dora be?

 m

1 mark

9 Ron has £200

He spends £55 on a coat and £45 on some trainers.

What fraction of his money has Ron spent?

2 marks

Ron spends 38% of his remaining money on a computer game.

How much money does Ron have left?

£

1 mark

Could:

Can you mark your should homework? If you get any wrong, fix it and revise that style of question so if you were asked a similar question in the future, you will know how to complete it.

Should answers:

Question	Answer	Marks	Notes and guidance
1	0.52	1	
	$\frac{52}{100}$	1	Accept equivalent fractions.
	0.5	1	
2		2	Award 1 mark for three answers correctly identified. Accept slight inaccuracies if the intention is clear.
3	89%	1	
	$\frac{89}{100}$	1	
4	$\frac{62}{100} = \frac{6}{10} + \frac{2}{100}$ $\frac{2}{10} + \frac{7}{100} = \frac{27}{100}$	3	Award 1 mark for each answer correctly identified.
5	25%	1	
6	$\frac{538}{1000}$	1	
	0.538	1	

Question	Answer	Marks	Notes and guidance
7	845 m	1	
	$\frac{155}{1000}$	1	
8	Jack, Alex, Whitney, Tommy	1	
	1.46 m OR 1.47 m OR 1.48 m OR 1.49 m	1	
9	$\frac{1}{2}$	2	Also accept $\frac{100}{200}$ Award 1 mark for a correct method and no more than one arithmetical error.
	£62	1	