



Maths Homework

Set: Wednesday 25th April **Due in:** Monday 30th April

This week we have been revisiting percentages, fractions and decimals

To support our learning this week, we would like the children to complete the following activities

Your child will also have a list of topics that they wish to revise using the Rising Stars revision guide. Our rock star times tables focus for next week will be the 8,9 and 10 times tables.

Parent feedback

To achieve 100 you need to:

- * recognise and use the equivalences between simple fractions, decimals and percentages
- * become more confident with calculating other decimal fraction equivalents.

- 1 Complete this table of equivalent fractions, decimals and percentages.

Fraction	$\frac{3}{10}$			$\frac{4}{5}$
Decimal		0.65		
Percentage			5%	

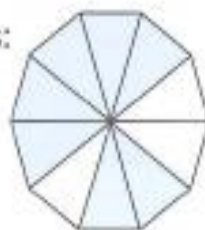
1
(2 marks)

- 2 Which of these are **not** equivalent to $\frac{1}{4}$?
1.4 25% $\frac{3}{12}$ 0.25 14% 2.5

2
(1 mark)

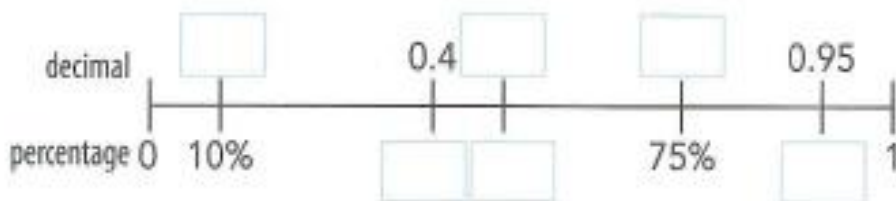
- 3 The shaded part of this shape can be described as:

or % or .



3
(1 mark)

- 4 Fill in the empty boxes on this number line.



4
(2 marks)

- 5 George and Alice are sharing a pizza.
George wants to eat **25%** of the pizza.
Alice wants to eat $\frac{2}{5}$ of the pizza.

George thinks that he will be eating the **same** amount of pizza as Alice.

a) Explain why George is mistaken. _____

5a
(1 mark)

5b
(1 mark)

b) Write Alice's fraction of the pizza as a **decimal**.

/ 8

Total for this page

to achieve 100 you need to:

★ find simple percentages of whole numbers and quantities.

1 i) 50% of = 100 ii) 25% of = 100

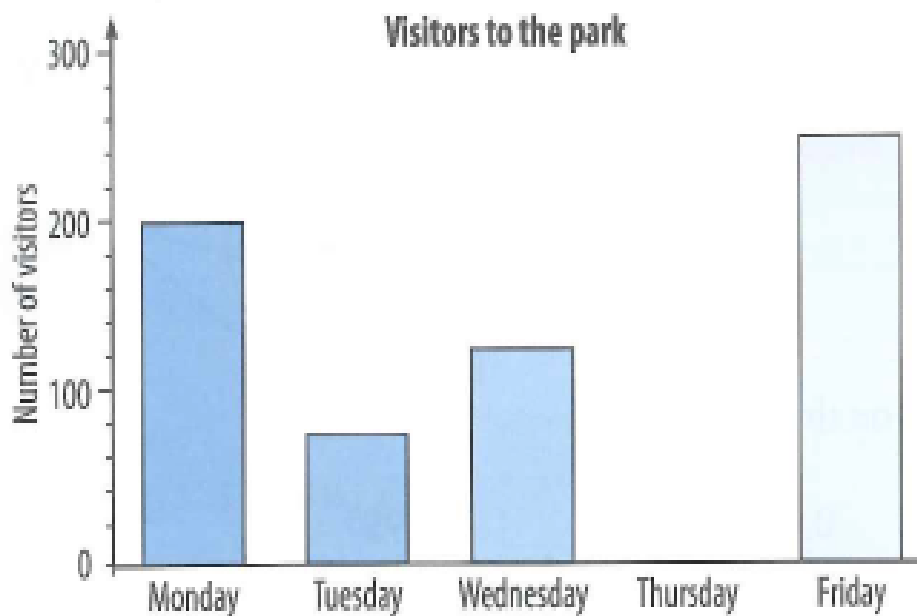
2 20% of 120 =

3 25% of £ = £10

4 Use the symbol $<$, $>$ or $=$ to make this statement true.

50% of 300 75% of 200

5 This chart shows the number of visitors to a park.



The number of visitors on Thursday is 40% of the number of visitors on Monday.

Draw the bar for Thursday on the chart.

(1 mark)

(1 mark)

(1 mark)

(1 mark)

(2 marks)