

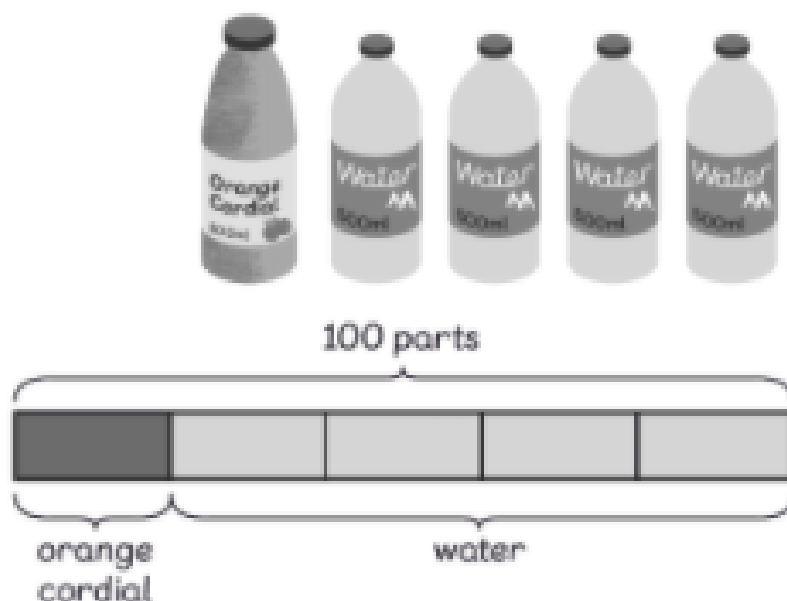
Name: _____ Class: _____ Date: _____

Worksheet 2

Finding a Percentage of a Quantity

- 1 Lulu made some orange squash by mixing 2 l of water with 500 ml of orange cordial.

(a) Out of 100, how many parts of the mixture is orange cordial?



5 units = parts

1 unit = ÷ 5

= out of 100 parts of the mixture is orange cordial.

There is ml of orange cordial in every 100 ml of the drink.

% of the mixture is orange cordial.

- (b) Lulu wants to make 4 l of the squash drink. How many ml of orange cordial will she need?

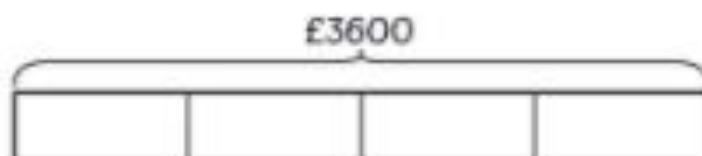
2

represents Mr Smith's monthly salary.

Answer these questions.

- (a) Mr Smith spends 40% of his monthly salary on rent. Shade to show 40% of his salary.

- (b) Mr Smith's monthly salary is £3600. He spends 25% of his monthly salary on food. How much does he spend on food?



3 Calculate the prices of these items after the discount.

(a)



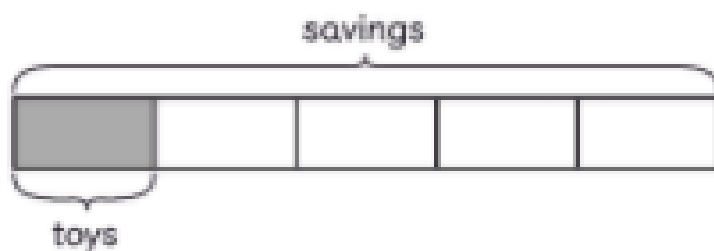
(b)



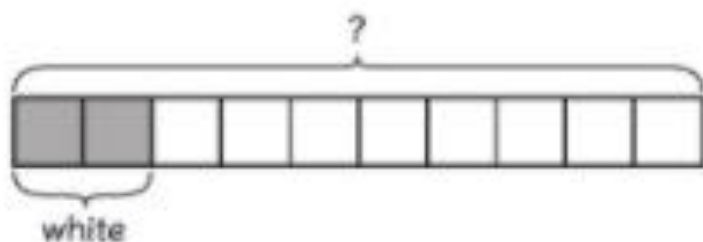
(c)



- 4 Elliott spent 20% of his savings on toys and 50% of the rest on food. He then had £80 left. How much did Elliott have in savings to begin with?



- 5 Lulu painted 20% of a fence white and 25% of the rest blue. The part of the fence painted blue was 60 m long. What is the total length of the fence?



- 6 A baker used 40% of a bag of flour to bake cakes and 50% of the remaining flour to bake biscuits. At the end, he had 69 kg of flour left. What was the initial weight of the bag of flour?