

5.14 Dividing and division



Learning objective

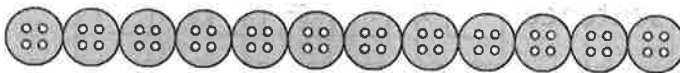
Use grouping and repeated subtraction to divide



Basic questions

1 Make a drawing first. Then fill in each box.


(a) Each button has 4 holes. How many buttons can make 12 holes in total?

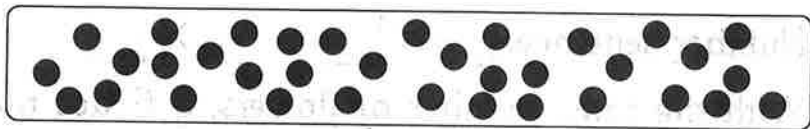


$$12 - \square - \square - \square = 0$$

$$12 = \square \times 4$$

$$12 \div 4 = \square$$

(b) How many  can be made with ● in the diagram below?



$$\square - \square - \square - \square - \square - \square - \square - \square = 0$$

$$\square = \square \times \square$$

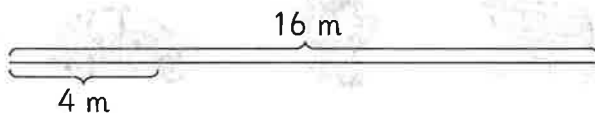
$$\square \div \square = \square$$

2 Look at the picture and fill in the ().



- (a) There are () sweets altogether.
- (b) If each pupil gets 2 sweets, () pupils will have sweets.
- (c) If each pupil gets 3 sweets, () pupils will have sweets.
- (d) If each pupil gets 4 sweets, () pupils will have sweets and () sweets will be left over.

3 Amir uses a 4-metre tape to measure the rope. How many times does he need to measure to find out the length of the whole rope?



Division sentence: $\square \div \square = \square$

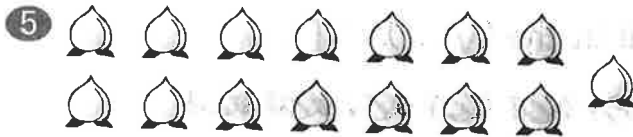
4 ☆☆☆☆☆☆☆

(a) Divide the stars into 2 equal groups. How many stars does each group have?

$$\square \div \square = \square$$

(b) Divide the stars into groups of 4. How many groups can they be divided into?

$$\square \div \square = \square$$



(a) Divide the peaches into 3 equal groups. How many peaches are there in each group?

$$\square \div \square = \square$$

(b) Put 5 peaches on each plate. How many plates are needed?

$$\square \div \square = \square$$



Challenge and extension question

6



£6



£4



£5



£9



£2

(a) How many pencil-boxes can Mrs Thomas buy with £20?

Answer: _____

(b) How many dolls can Mrs Thomas buy with £30?

Answer: _____

(c) Can you pose two more questions with the above items?

Provide answers.