

# Multiply and divide by 7

1 Complete the sentences.

a)



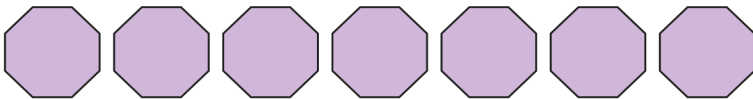
There are  triangles.

There are  sides on each triangle.

$$7 \times 3 = \text{}$$

There are  sides altogether.

b)



There are  octagons.

There are  sides on each octagon.

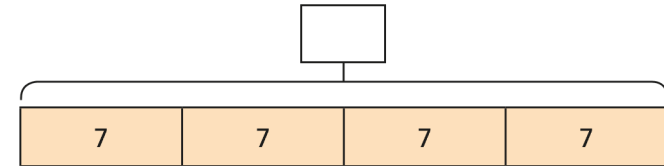
$$\text{} \times \text{} = \text{}$$

There are  sides altogether.

2 There are 7 players in a netball team.

a) How many players are there in 4 netball teams?

Label the whole on the bar model

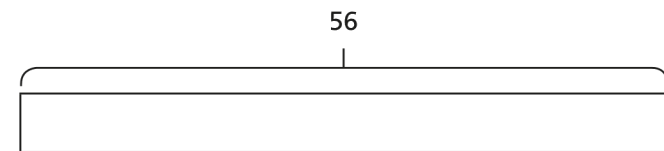


Complete the sentences.

$$\text{} \times \text{} = \text{}$$

There are  players in 4 netball teams.

b) If there are 56 players, how many full teams are there?



There are  full teams.

c) How many players are there in 9 netball teams?

There are  players in 9 netball teams.



3 Complete the sentences.

a) 1 week has  days.

b) 5 weeks have  days.

c)  weeks have 70 days.

d)  weeks have 63 days.

4 The Patel family went on holiday for 6 weeks.

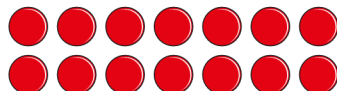
The Logan family went on holiday for 40 days.

Who went on holiday for the longest? \_\_\_\_\_

How do you know?

\_\_\_\_\_  
\_\_\_\_\_

5 Complete the number sentences to describe the array.



$2 \times 7 = \square$

$\square \div 7 = 2$

$7 \times \square = \square$

$\square \div \square = 7$



6 A flower has 7 petals.

How many petals are there on 6 flowers?

7 A computer mouse costs £7

A keyboard costs 6 times as much as the mouse.

How much does a mouse and a keyboard cost in total?

8 Use the cards to write a division calculation.



How many different divisions can you write?

Can you use all of the cards?

9 Use counters to make an array to show  $3 \times 5$  and  $3 \times 2$

How can you use these arrays to work out  $3 \times 7$ ?

\_\_\_\_\_  
\_\_\_\_\_

Talk about it with a partner.

