Multiply and divide by 7

White Rose MATHS

1 Complete the sentences.

a)

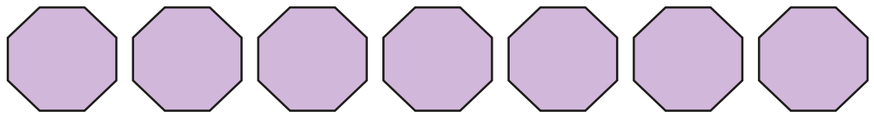
There are ☐ triangles.

There are ☐ sides on each triangle.

7 × 3 = ☐

There are ☐ sides altogether.

b)



There are ☐ octagons.

There are ☐ sides on each octagon.

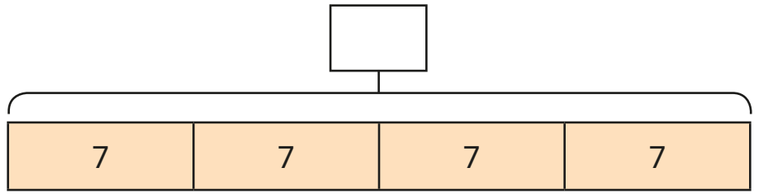
☐ × ☐ = ☐

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.

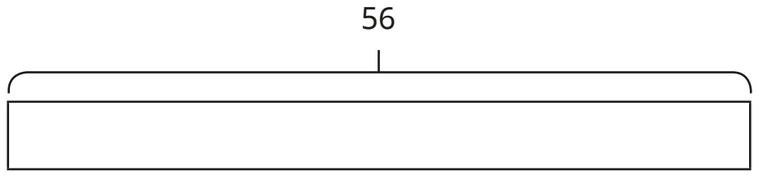


Complete the sentences.

☐ × ☐ = ☐

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.

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3 Complete the sentences.

a) 1 week has ☐ days.

b) 5 weeks have ☐ days.

c) ☐ weeks have 70 days.

d) ☐ weeks have 63 days.

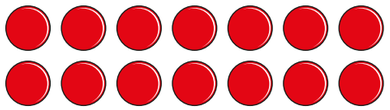
4 The Patel family went on holiday for 6 weeks.

The Logan family went on holiday for 40 days.

Which family went on holiday for longer?

How do you know?

5 Complete the number sentences to describe the array.



2 × 7 = ☐

☐ ÷ 7 = 2

7 × ☐ = ☐

☐ ÷ ☐ = 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.

1	1	7	7	7	=	÷

Find as many different divisions as you can.

Can you use all the cards?

9 Use counters to make an array to show 3 × 5 and 3 × 2

How can you use these arrays to work out 3 × 7?

Talk about it with a partner.

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