Multiplication Division Football
Challenge Cards

Write <, > or = in the footballs to compare the calculations.

8 × 3 ⚽ 6 × 4   21 ÷ 3 ⚽ 30 ÷ 5

5 × 8 ⚽ 12 × 3   60 ÷ 10 ⚽ 56 ÷ 8

4 × 4 ⚽ 3 × 5   32 ÷ 4 ⚽ 24 ÷ 3

Mrs Goal fills the bottom of a crate in the PE cupboard with footballs. Cones are stored on the top.

How many footballs are in the crate?

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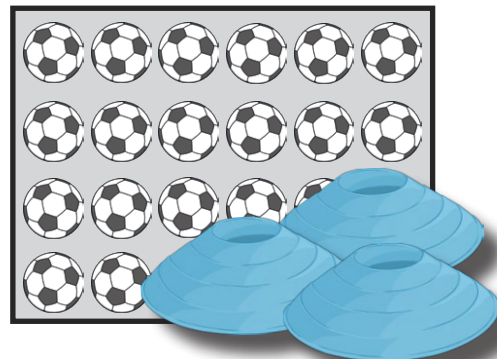
Three football players are deciding how to display the 24 trophies their team have won this season.

Isaac: We should have 4 trophies on each shelf.

Jacob: We should have 3 trophies on each shelf.

Sameer: We should have 8 trophies on each shelf.

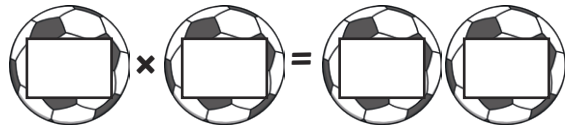How many shelves would each child need to display the trophies in the way they have suggested?

4

Use the digits in the footballs to create multiplication statements in the format shown.

You may only use each digit once in every statement.

1 2 3
6 8 4

☐ × ☐ = ☐ ☐

Find five different possibilities.

5

Sania has 8 football kits. Each one has a shirt, shorts and a pair of socks. How many separate items of football kit does Sania have altogether?
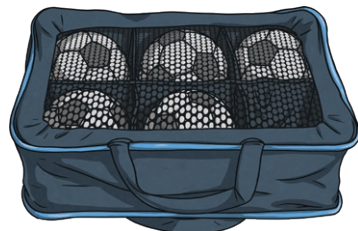

6

Twinkl United have 40 footballs to sort equally into bags.

How many bags could they use if they do not want any footballs left over?

How many footballs will be in each bag?

Find two different possibilities.

7

A football club has £72 to spend on footballs.

They buy 8 footballs and have no money left over.

How much did each football cost?

£72

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At a football tournament, there are 8 teams. Each team has 11 players and a substitute. How many players are there altogether?

| 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
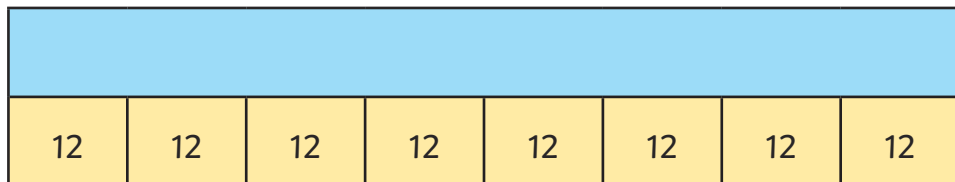
Aleena is setting up a football pitch in her garden which is 4 times smaller than the one at Twinkl Park.

The width of the football pitch at Twinkl Park is 48m.
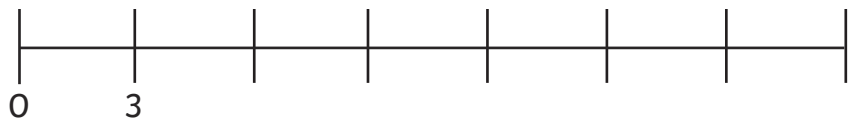
a) What is the width of Aleena's pitch?

The distance between the goal line and the penalty spot on Aleena's pitch is 3m.

b) What is the distance between the goal line and the penalty spot on the Twinkl Park pitch?

Lucas has played 3 games of football each day for a week. How many games has he played altogether?

0   3

Use 3, 4 or 8 to fill in the empty football in each calculation.

☐ × 9 = 27   56 ÷ ☐ = 7

48 = ☐ × 12   33 ÷ ☐ = 11

9 × ☐ = 72   5 = 20 × ☐

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12

Count in multiples to identify which numbers are hidden by the footballs.

3	6	⚽	12	⚽	18	21	24	27

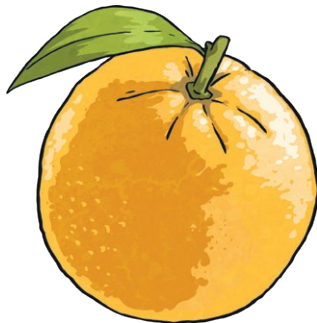| ⚽	16	24	⚽	40	48	56	64	⚽

13

3 4 6 8 9 12
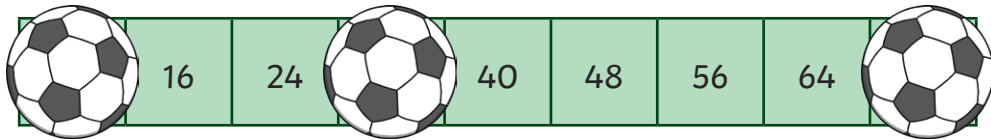
Which football shirts multiply to make 48?

Can you find two possibilities?
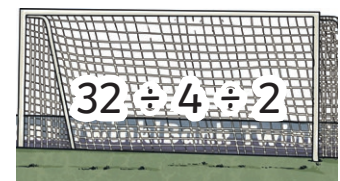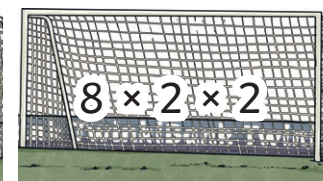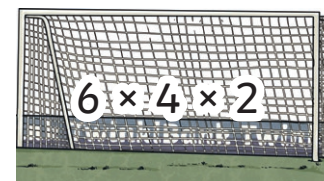Which football shirts multiply to make 36?

Can you find two possibilities?

14

There are 64 half-time oranges to be shared equally between 8 teams. How many oranges will each team get?

15

Match the equivalent calculations to score the goals.

8 × 4   32 ÷ 8   6 × 8

6 × 4 × 2   8 × 2 × 2   32 ÷ 4 ÷ 2

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Addition and Subtraction Football
Challenge Cards **Answers**

1) $8 \times 3 = 6 \times 4$ $\quad$ $21 \div 3 > 30 \div 5$
 $5 \times 8 > 12 \times 3$ $\quad$ $60 \div 10 < 56 \div 8$
 $4 \times 4 > 3 \times 5$ $\quad$ $32 \div 4 = 24 \div 3$

2) $4 \times 6 = 24$

3) Jacob would need 8 shelves.

 Isaac would need 6 shelves.

 Sameer would need 3 shelves.

4) There are many possible answers. For example:

 $3 \times 4 = 12$, $3 \times 6 = 18$, $8 \times 3 = 24$, $4 \times 8 = 32$,

 $2 \times 8 = 16$

5) $8 \times 4 = 32$

 Sania has 32 items of football kit.

6) There are many possible answers. For example:

 They could have 10 bags with 4 footballs in each.

 They could have 5 bags with 8 footballs in each.

7) £72 ÷ 8 = £9 Each football cost **£9.**

8) **$8 \times 12 = 96$**

96							
12	12	12	12	12	12	12	12

9) **a) 12m**

 b) 12m

10) **$7 \times 3 = 21$**

 Lucas has played 21 games of football this week.

11) $9 \times 9 = 27$ $\qquad$ $9 \div 8 = 7$

 $48 = 4 \times 12$ $\qquad$ $33 \div 3 = 11$

12) $9 \times 8 = 72$ $\qquad$ $5 = 20 \div 4$

13)

3	6	**9**	12	**15**	18	21	**24**	27		**8**	16	24	**32**	40	48	56	64	**72**

14) **$6 \times 8 = 48$, $8 \times 6 = 48$,** $\qquad$ **$9 \times 4 = 36$, $4 \times 9 = 36$,**

 $4 \times 12 = 48$, $12 \times 4 = 48$ $\qquad$ **$3 \times 12 = 36$, $12 \times 3 = 36$**

15) **$64 \div 8 = 8$**

16)
$8 \times 4 \to 6 \times 4 \times 2$
$32 \div 8 \to 8 \times 2 \times 2$
$6 \times 8 \to 32 \div 4 \div 2$

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