

Multiplication and Division Football Challenge Cards



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

8×7  6×9

$27 \div 9$  $33 \div 11$

5×12  10×6

$49 \div 7$  $72 \div 12$

4×9  8×5

$108 \div 9$  $132 \div 12$

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

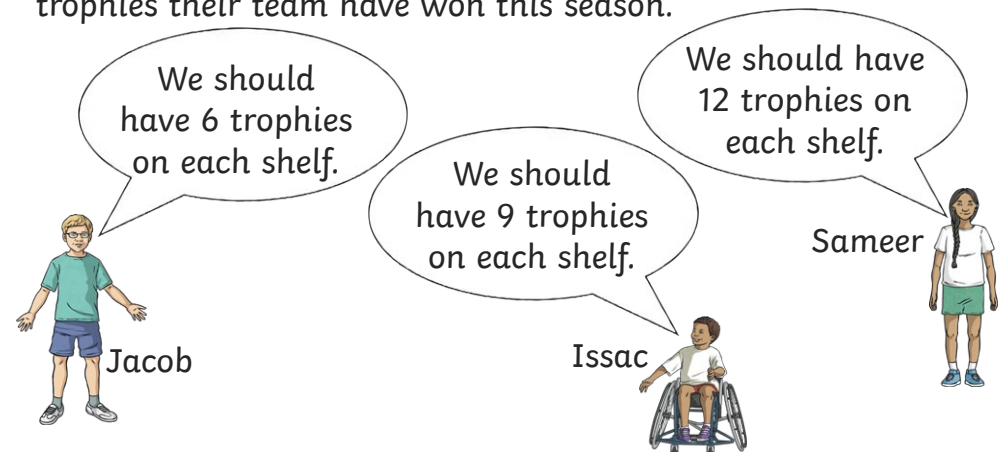


If there are 42 balls in the crate altogether, how many rows are there?



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Three football players are deciding how to display the 36 trophies their team have won this season.

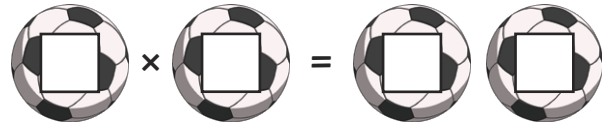
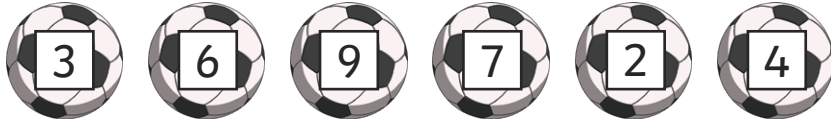


How many shelves would each child need to display the trophies in the way they have suggested?



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

You may only use each digit once in every statement.
Find three different possibilities.



How many goals has each player scored this season?



Twinkl United have 72 footballs to sort equally into bags.

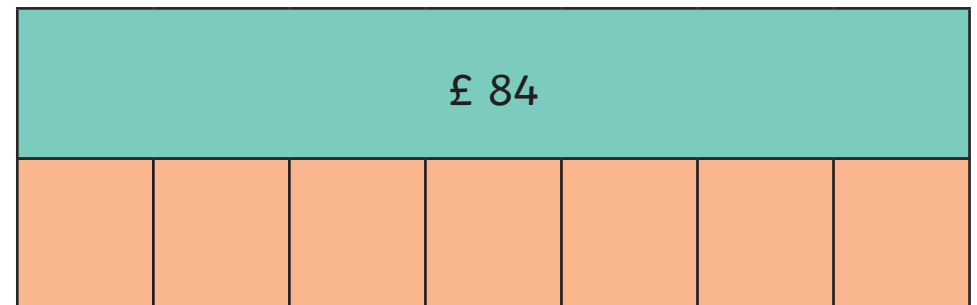
How many bags could they use if they do not want any footballs left over?

How many footballs will be in each bag?

Find two different possibilities.



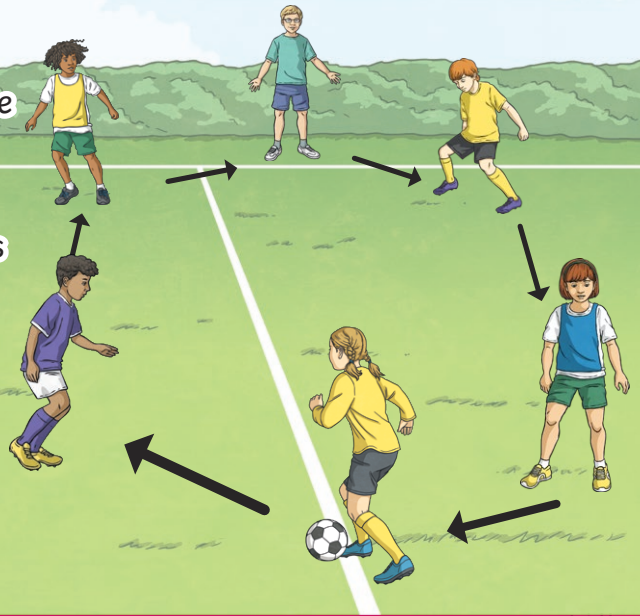
A football club has £84 to spend on pairs of goalie gloves.
They buy 7 pairs of gloves with no money left over.
How much did each pair of goalie gloves cost?



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In training, 6 players stand 11 metres apart and pass the ball to the player on their left. If each player passes the ball once, how far does the ball travel?



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In a football training game, each child is given 6 points for each goal scored.

Using their total scores, work out how many goals each child scored.



Child	Score
Max	48 points
Dmitri	18 points
Stefan	30 points

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Identify the numbers hidden by each of the footballs.

$$8 \times \text{[Football]} = 8 \times 3 \times 3$$

$$5 \times 11 = 5 \times 10 + 5 \times \text{[Football]}$$

$$54 \div 6 = 54 \div 3 \div \text{[Football]}$$

$$40 \div 4 \div 2 = 40 \div \text{[Football]}$$

$$144 \div 12 = 144 \div \text{[Football]} \div 2$$

$$63 \div \text{[Football]} = 63 \div 3 \div 3$$

$$5 \times 10 + 5 \times 2 = 5 \times \text{[Football]}$$

$$11 \times 8 = 11 \times 2 \times \text{[Football]} \times 2$$

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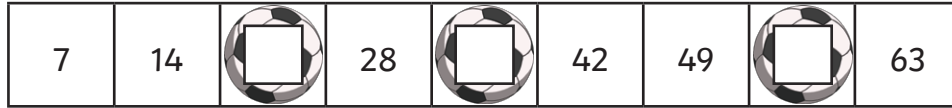
Identify the numbers hidden by each of the footballs.

$\text{[Football 6]} \times \text{[Football]} = \text{[Football 54]}$	$\text{[Football 121]} \div \text{[Football]} = \text{[Football 11]}$
$\text{[Football 63]} = \text{[Football]} \times \text{[Football 9]}$	$\text{[Football 36]} \div \text{[Football]} = \text{[Football 3]}$
$\text{[Football]} \times \text{[Football 8]} = \text{[Football 56]}$	$\text{[Football 12]} = \text{[Football 144]} \div \text{[Football]}$

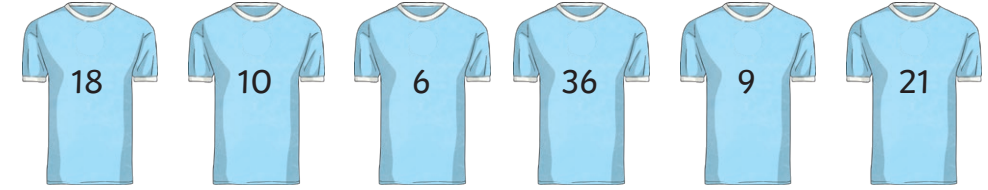
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Count in multiples to identify which numbers are hidden by the footballs.



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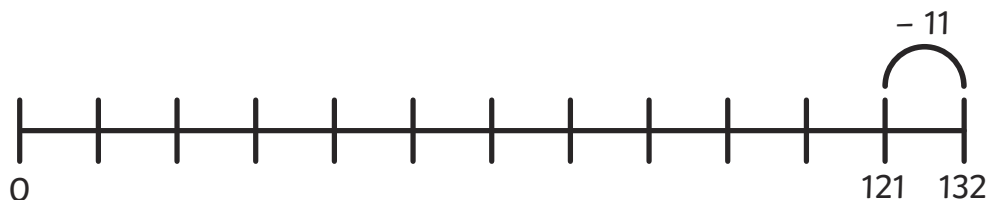


- Which of the football shirt numbers are multiples of 3?
- Which of the football shirt numbers are multiples of 6?
- Which of the football shirt numbers are multiples of 9?

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There are 11 players in a football team.
If there are 132 children in a year group, how many football teams can they make?



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Match the footballs to the goals with the equivalent answer.

