

Mathematics

Looking at proportional relationships: unitary method

Downloadable resource

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Try this

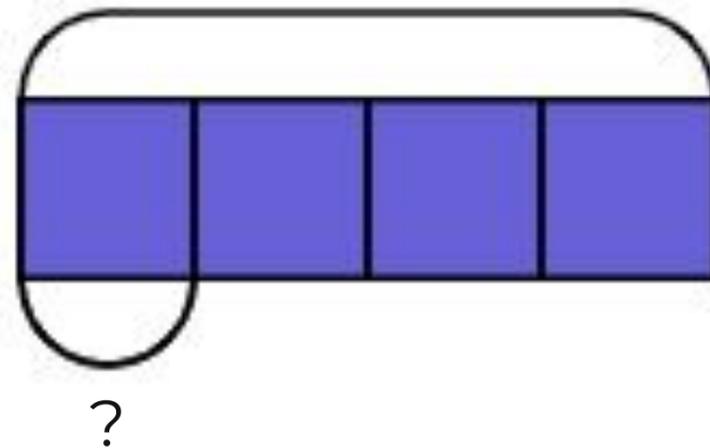
Four oranges cost 92p.

What is the cost of one orange?

Draw a bar model to help you work out the cost of eight oranges.

Describe how the bar model can help you to work out the cost of three oranges.

4 apples cost 92p



Independent task

Use a bar model to represent and solve the following problems.

- 1) Pens are sold in boxes. Each box contains 6 pens.
 - a) How many pens are there in 2 boxes? 12 boxes? 30 boxes? 120 boxes?

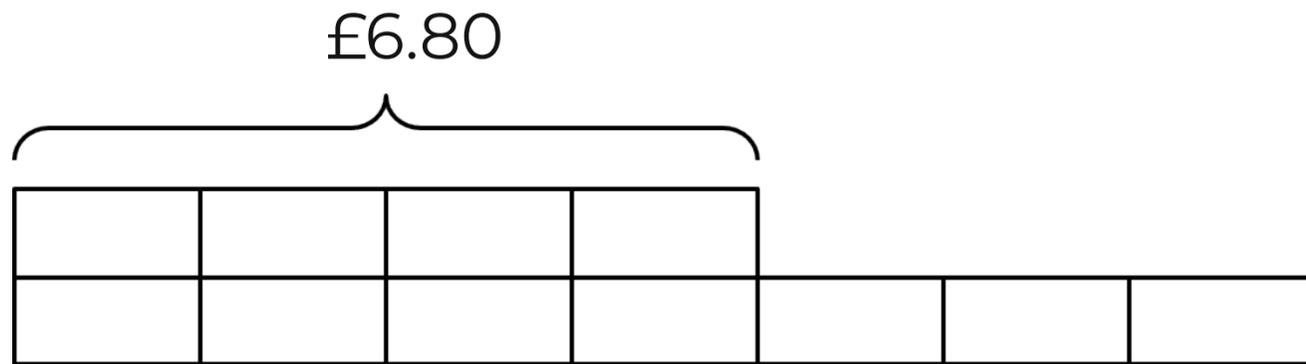
- 2) Three packs of crisps cost £1.20.
 - a) How much will six packs of crisps cost?
 - b) How much will eight packs of crisp cost?

- 3) Eight small cheese pizzas cost £24. How much will six small cheese pizzas cost?



Explore

If 4 smoothies cost £6.80, what is the cost of 7 smoothies?



Number of smoothies	4	7
Cost	£6.80	
Cost ÷ number of smoothies	£1.70	£1.70

Number of smoothies : cost

4 : £6.80

1 : £1.70

7 : ?

Choose any two methods and explain how they represent the same maths.

