

Examples



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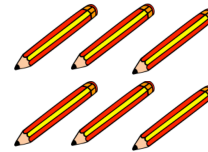
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Workout

Question 1: Keith buys 6 pencils for 90p



- (a) How much does one pencil cost?
- (b) How much would five pencils cost?
- (c) How much would eleven pencils cost?



Question 2: Jack and Harry are waiters in a restaurant.  
They are both paid the same amount of money for each hour that they work.  
Jack worked 6 hours and is paid £48  
Harry worked 8 hours.  
How much money is Harry paid?



Question 3: A car travels 120 miles in 3 hours at a steady speed.



- (a) How far does the car travel in 1 hour?
- (b) How far does the car travel in 8 hours?

Question 4: A plumber charges £140 for a 4 hour job.



How much does the plumber charge for a 3 hour job?

Question 5: Seven candles cost £45.29



How much would 25 candles cost?

Question 6: £50 is worth €56



- (a) How many euros is £1 worth?
- (b) How many euros is £220 worth?


Question 7: If 24 marbles have a mass of 60g, what would the mass of 60 marbles be?



## Unitary Method

### Video 255a on Corbettmaths

Question 8: Rebecca is making Chilli Con Carne.  
Here is a list of ingredients to serve 6 people.




Rebecca wants to make enough Chilli Con Carne for 4 people.

How much of each ingredient does Rebecca need?

**serves 6**  
1.2kg mince  
420g tomatoes  
3 chillies  
600g kidney beans

Question 9: Oscar is making fish pie.  
Here is a list of ingredients for 5 people.




Oscar wants to make enough fish pie for 6 people.

How much of each ingredient should Oscar use?


**serves 5**  
500g cod  
400g haddock  
600ml milk  
120g butter  
40g flour  
1kg potatoes

### Apply

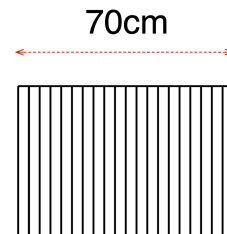
Question 1: On a map, 4cm represents 60 miles.  
The distance between two towns is 37.5 miles.  
On the map, what is the distance between the two towns?




Question 2: Nathan has 20 identical books on a shelf.  
The books take up 70cm of space on the shelf.  
Nathan removes seven books.



How much space do the remaining books take up?




Question 3: A car uses 8.4 litres of petrol for a 112 mile journey.  
When the tank is full, the car holds 54 litres of petrol.



How far should the car be able to travel on a full tank of petrol?

Question 4: A 345ml tin of paint costs £4.80  
A 250ml tin of paint costs £3.35  
Which tin is better value for money?



Answers



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