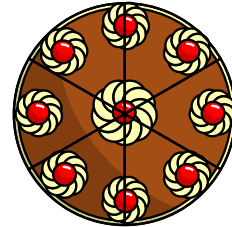


Multiply and divide decimals in context

- 1 A cake has a mass of 0.3 kg.
What is the mass of six of these cakes?



kg

- 2 An apple has a mass of 0.12 kg.
What is the mass of nine of these apples?



kg

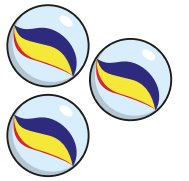
- 3 The length of a table is 0.7 m.
What is the length of eight of these tables?

m

- 4 A bottle of milk costs £1.09
How much do five of these bottles of milk cost?

£

- 5 3 identical marbles have a total mass of 12.6 g.
What is the mass of one of these marbles?



g

- 6 The total length of 7 identical rods is 0.84 m.
What is the length of one of these rods?

m

- 7 The perimeter of a square is 0.64 m.
What is the length of each side?

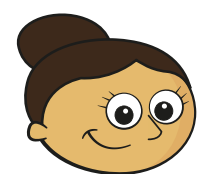
m

- 8 Huan has saved his pocket money for 5 weeks.
He gets the same pocket money every week.
He has saved £16.65
How much pocket money does Huan get each week?



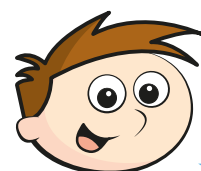
£

- 9 Dora, Ron and Teddy are making paper chains.



My paper chain
is 1.1 m long.

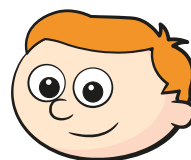
Dora



My paper chain
is three times longer
than Ron's.

Teddy

Dora's paper
chain is twice as
long as mine.



Ron

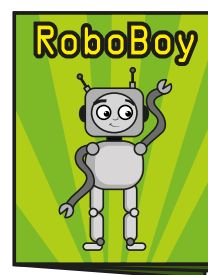
- a) How long is Ron's paper chain?

 m

- b) How long is Teddy's paper chain?

 m

- 10 Comics cost £3.29
Sam buys 5 comics.
She pays with a £20 note.
How much change does she get?

 £

- 11 Shop A sells 5 tins of paint for £23.40
Shop B sells 3 tins of the same paint for £14.01



Which shop should Ms Trent buy her paint from? _____

Explain your reasoning.

- 12 It costs a factory £2.32 to produce 8 key rings.
The factory sells the key rings in boxes of 5 for £3.20
How much profit do they make on each key ring?

 £

- 13 The mass of a pear is 5 times the mass of a plum.
The total mass of the pear and the plum is 0.12 kg.
How much greater is the mass of the pear than the mass of the plum?

 kg