

# Problem solving – multiplication and division

1 A glass of milk costs £1.26.

How much do 3 glasses of milk cost?

$$3 \times \text{£}1 = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \text{ £ and } \boxed{\phantom{00}} \text{ p} = \text{£} \boxed{\phantom{00}}$$

$$3 \text{ glasses of milk cost } \text{£} \boxed{\phantom{00}}$$

2 Work out the following multiplications.

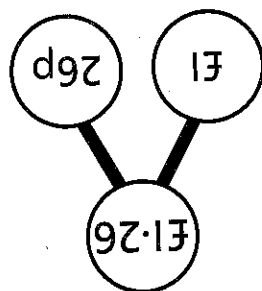
Write your answers in pounds.

a)  $48\text{p} \times 7$

$$\begin{array}{r} \times 7 \\ 48 \\ \hline \end{array}$$

b)  $5 \times 92\text{p}$

$$\begin{array}{r} \times 5 \\ 92 \\ \hline \end{array}$$



$$\boxed{\phantom{00}} \text{ p} = \text{£} \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \text{ p} = 48 \times 7$$


$$\boxed{\phantom{00}} \text{ £} = \text{p} \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \text{ p} = 5 \times 92\text{p}$$

3 Work out the following calculations.

a)  $£3.18 \times 6 = £$

b)  $5 \times £7.49 = £$



4 a) 4 scones cost 172p in total.

How much does 1 scone cost?

$160p \div 4 =$   p     $12p \div 4 =$   p

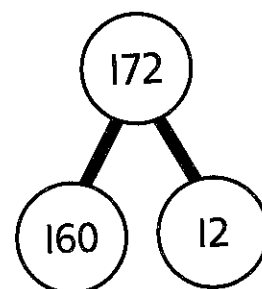
p +  p =  p

A scone costs  p.

b) 4 rulers cost £1.72 in total.


How much does 1 ruler cost?

1 ruler costs £ .




5 Work out the following divisions.

a)  $£2.76 \div 3 =$



b)  $£2.76 \div 2 =$



6 Find  $\frac{2}{3}$  of £9.72.

$\frac{2}{3}$  of £9.72 = £



7 Toshi is hosting a barbeque.

He needs 12 burgers and 12 bread buns.

- Toshi knows that 3 burgers cost £4.62.
- He also knows that 5 bread buns cost £1.20.

How much does it cost him in total to buy the burgers and buns?



The total cost is £ .



## Reflect

A book costs £7.99. How could you work out the cost of 8 books?  
Did your partner work it out the same?

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