

Multiplying Decimals

Solve these calculations using a written method.

a) 156.4	b) 345.9	c) 268.6	d) 62.13	e) 34.65	f) 29.13	g) 42.15	h) 89.95	i) 76.84
$\times 6$	$\times 4$	$\times 3$	$\times 5$	$\times 4$	$\times 8$	$\times 7$	$\times 5$	$\times 3$
_____	_____	_____	_____	_____	_____	_____	_____	_____

Solve the following calculations:

Solve these word problems:

j) $423.4 \times 6 =$ _____

o) $75.65 \times 3 =$ _____

k) $362.5 \times 4 =$ _____

p) $64.08 \times 4 =$ _____

l) $32.68 \times 5 =$ _____

q) $95.42 \times 8 =$ _____

m) $63.05 \times 7 =$ _____

n) $86.25 \times 6 =$ _____

r) It takes 16.24 metres to make a pair of curtains. How many metres of fabric is needed to make 8 pairs of curtains?

s) Sam earns £25.65 working in the local newsagents each Saturday. How much does he earn after working for 5 weekends in a row?

t) A house is 32.45 metres wide. 6 terraced houses are built in a row. What is the total width of all 6 houses?

Multiplying Decimals Answers

Solve these calculations using a written method.

a) 156.4 $\begin{array}{r} \times 6 \\ \hline 938.4 \end{array}$	b) 345.9 $\begin{array}{r} \times 4 \\ \hline 1383.6 \end{array}$	c) 268.6 $\begin{array}{r} \times 3 \\ \hline 805.8 \end{array}$	d) 62.13 $\begin{array}{r} \times 5 \\ \hline 310.65 \end{array}$	e) 34.65 $\begin{array}{r} \times 4 \\ \hline 138.6 \end{array}$	f) 29.13 $\begin{array}{r} \times 8 \\ \hline 233.04 \end{array}$	g) 42.15 $\begin{array}{r} \times 7 \\ \hline 295.05 \end{array}$	h) 89.95 $\begin{array}{r} \times 5 \\ \hline 449.75 \end{array}$	i) 76.84 $\begin{array}{r} \times 3 \\ \hline 230.52 \end{array}$
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Solve the following calculations:

- j) $423.4 \times 6 =$
2540.4
- k) $362.5 \times 4 =$
1450
- l) $32.68 \times 5 =$
163.4
- m) $63.05 \times 7 =$
441.35
- n) $86.25 \times 6 =$
517.5
- o) $75.65 \times 3 =$
226.95
- p) $64.08 \times 4 =$
256.32
- q) $95.42 \times 8 =$
763.36

Solve these word problems:

- r) It takes 16.24 metres to make a pair of curtains. How many metres of fabric is needed to make 8 pairs of curtains?
129.92 metres
- s) Sam earns £25.65 working in the local newsagents each Saturday. How much does he earn after working for 5 weekends in a row?
£128.25
- t) A house is 32.45 metres wide. 6 terraced houses are built in a row. What is the total width of all 6 houses?
194.7 metres