

How to ...

Work out 1.83×47

There are a few ways to tackle these type of questions....

... If I'm only going to show you one of them ...

1. ignore the decimals and rewrite the sum

$$183 \times 47$$

2. work this out

	40	7		
100	4000	700		
80	3200	560		
3	120	21		
	7320	1281		

$$\begin{array}{r} 7320 \\ +1281 \\ \hline 8601 \end{array}$$

3. count the number of decimal places in the original question

1. 83 × 47

4. Your answer must have the same number of decimal places, so decimal point goes here

$$86\overset{\leftarrow}{0}1$$

$$\underline{\underline{86.01}}$$

Now have a go yourself ...

MUST

a) 3.9×4

b) 3.7×7

c) 5.4×3

b) 9.6×5

b) 2.5×6

c) 7.6×8

c) 13.6×2

b) 26.3×9

c) 47.3×8

SHOULD

a) 7.82×3

b) 9.55×7

c) 6.08×3

b) 23.48×4

b) 32.73×9

c) 18.72×5

c) 0.652×6

b) 4.524×3

c) 20.56×5

COULD

a) 13.9×5

b) 23.7×17

c) 35.4×43

b) 19.62×15

b) 23.5×36

c) 19.6×28

c) 23.613×27

b) 26.33×19

c) 47.32×48

15	236.7	2271.36	15.6	60.8
294.3	27.2	402.9	93.6	25.9
294.57		637.551	16.2	548.8
66.85	500.27	3.912	23.46	18.24
13.572	48	846	69.5	93.92

Exam Questions

Work out 2.87×67

Work out 24.19×136

Ready to be marked ?

Checklist



Answer checked

Working out shown

Keywords



Things to remember ...



What went well ...



Teacher comment ..