

1. Work out 67×48

You **must** show your working out.

2. Work out 94×63

You **must** show your working out.

Answers

1.

1.**3216**....**FYI:** appropriate method M1 e.g.

$$48 \times 67$$

$$\begin{array}{r} 2/4 \ 4/8 \\ 48 \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 2/8 \ 5/6 \\ 48 \times 67 \\ \hline \end{array}$$

$$\text{or v.v. } 67 \times 48$$

$$\begin{array}{r} 2/4 \ 2/8 \\ 67 \times 48 \\ \hline \end{array}$$

$$\begin{array}{r} 4/8 \ 5/6 \\ 67 \times 48 \\ \hline \end{array}$$

$$\text{or } 60 \times 48 = 2880 = (240 + 48) \times 10$$

$$7 \times 48 = 336 = 280 + 56$$

$$\text{or v.v. } 40 \times 67 = 2680 = (240 + 28) \times 10$$

$$8 \times 67 = 536 = 480 + 56$$

2.**5922**....**2. FYI:** appropriate method M1 e.g.

$$63 \times 94$$

$$\begin{array}{r} 5/4 \ 2/7 \\ 63 \times 94 \\ \hline \end{array}$$

$$\begin{array}{r} 2/4 \ 1/2 \\ 63 \times 94 \\ \hline \end{array}$$

$$\text{or v.v. } 94 \times 63$$

$$\begin{array}{r} 5/4 \ 2/4 \\ 94 \times 63 \\ \hline \end{array}$$

$$\begin{array}{r} 2/7 \ 1/2 \\ 94 \times 63 \\ \hline \end{array}$$

$$\text{or } 90 \times 63 = 5670 = (540 + 27) \times 10$$

$$4 \times 63 = 252 = 240 + 12$$

$$\text{or v.v. } 60 \times 94 = 5640 = (540 + 24) \times 10$$

$$3 \times 94 = 282 = 270 + 12$$