

This is the second page of questions using standard written method known as 'short multiplication'. It leads on from the earlier worksheets on 'Moving towards a standard method'.

Remember: The stages are as follows:

Step 1: write the sum out correctly

The question may be put in a different layout eg $48 \times 6 =$

Make sure it is laid out with the units under each other as shown.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 48 \\ \times \quad 6 \\ \hline \end{array}$$

Step 2: multiply the units

8 (units) \times 6 is 48 or 4 tens and 8 units.

Put the 8 in the answer in the units.

Place the 4 (tens) in the tens column, but under the answer line.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 48 \\ \times \quad 6 \\ \hline 8 \\ \hline 4 \end{array}$$

Step 3: multiply the tens

4 (tens) \times 6 is 24 (tens).

Add the 4 (tens) to make 28 (tens) or 2 hundreds and 8 tens.

Place the 8 in the tens column and the 2 in the hundreds column.

Easy! All done!!

$$\begin{array}{r} \text{t} \quad \text{u} \\ 48 \\ \times \quad 6 \\ \hline 288 \\ \hline 4 \end{array}$$

1.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 57 \\ \times 4 \\ \hline \\ \hline \end{array}$$

2.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 66 \\ \times 6 \\ \hline \\ \hline \end{array}$$

3.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 84 \\ \times 9 \\ \hline \\ \hline \end{array}$$

4.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 78 \\ \times 5 \\ \hline \\ \hline \end{array}$$

5.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 74 \\ \times 7 \\ \hline \\ \hline \end{array}$$

6.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 98 \\ \times 3 \\ \hline \\ \hline \end{array}$$

7.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 85 \\ \times 5 \\ \hline \\ \hline \end{array}$$

8.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 74 \\ \times 6 \\ \hline \\ \hline \end{array}$$

9.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 53 \\ \times 8 \\ \hline \\ \hline \end{array}$$

10.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 61 \\ \times 7 \\ \hline \\ \hline \end{array}$$

11.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 72 \\ \times 8 \\ \hline \\ \hline \end{array}$$

12.

$$\begin{array}{r} \text{t} \quad \text{u} \\ 67 \\ \times 9 \\ \hline \\ \hline \end{array}$$

Answers

1. 228

2. 396

3. 756

4. 390

5. 518

6. 294

7. 425

8. 444

9. 424

10. 427

11. 576

12. 603