

Name:

Date:

Key Stage 2 Maths Practise Reasoning: 2-digit by 2-digit Multiplication



For each question, write the two missing digits to make the long multiplication correct.

1.

$$\begin{array}{r} \square 1 \\ \times 2 \square \\ \hline 324 \\ 1620 \\ \hline 1944 \end{array}$$

2.

$$\begin{array}{r} 2 \square \\ \times \square 2 \\ \hline 44 \\ 1320 \\ \hline 1364 \end{array}$$

3.

$$\begin{array}{r} 4 \square \\ \times \square 9 \\ \hline 414 \\ 1380 \\ \hline 1794 \end{array}$$

4.

$$\begin{array}{r} \square 9 \\ \times 1 \square \\ \hline 95 \\ 190 \\ \hline 285 \end{array}$$

5.

$$\begin{array}{r} 3 \square \\ \times \square 2 \\ \hline 74 \\ 370 \\ \hline 444 \end{array}$$

6.

$$\begin{array}{r} \square 5 \\ \times 1 \square \\ \hline 25 \\ 250 \\ \hline 275 \end{array}$$

7.

$$\begin{array}{r} 2 \square \\ \times \square 9 \\ \hline 261 \\ 2030 \\ \hline 2291 \end{array}$$

8.

$$\begin{array}{r} \square 1 \\ \times 3 \square \\ \hline 306 \\ 1530 \\ \hline 1836 \end{array}$$

9.

$$\begin{array}{r} 6 \square \\ \times \square 1 \\ \hline 67 \\ 5360 \\ \hline 5427 \end{array}$$

10.

$$\begin{array}{r} 6 \square \\ x \square 5 \\ \hline 3 4 \\ 1 3 6 \\ \hline 1 7 0 \end{array}$$

11.

$$\begin{array}{r} 7 \square \\ x \square 1 \\ \hline 7 5 \\ 5 2 5 \\ \hline 5 3 2 5 \end{array}$$

12.

$$\begin{array}{r} 6 \square \\ x \square 5 \\ \hline 3 2 0 \\ 2 5 6 \\ \hline 2 8 8 0 \end{array}$$

13.

$$\begin{array}{r} \square 7 \\ x 1 \square \\ \hline 2 8 2 \\ 4 7 0 \\ \hline 7 5 2 \end{array}$$

14.

$$\begin{array}{r} 4 \square \\ x \square 4 \\ \hline 1 9 6 \\ 9 8 0 \\ \hline 1 1 7 6 \end{array}$$

15.

$$\begin{array}{r} 6 \square \\ x \square 3 \\ \hline 1 9 5 \\ 3 2 5 0 \\ \hline 3 4 4 5 \end{array}$$

16.

$$\begin{array}{r} 2 \square \\ x \square 4 \\ \hline 1 0 4 \\ 5 2 0 \\ \hline 6 2 4 \end{array}$$

17.

$$\begin{array}{r} \square 6 \\ x 6 \square \\ \hline 1 0 4 \\ 1 5 6 0 \\ \hline 1 6 6 4 \end{array}$$

18.

$$\begin{array}{r} 4 \square \\ x \square 6 \\ \hline 2 9 4 \\ 2 9 4 0 \\ \hline 3 2 3 4 \end{array}$$

19.

$$\begin{array}{r} 1 \square \\ \times \square 9 \\ \hline \end{array}$$

$$\begin{array}{r} 108 \\ 960 \\ \hline 1068 \end{array}$$

20.

$$\begin{array}{r} 8 \square \\ \times \square 7 \\ \hline \end{array}$$

$$\begin{array}{r} 588 \\ 2520 \\ \hline 3108 \end{array}$$

21.

$$\begin{array}{r} 6 \square \\ \times \square 3 \\ \hline \end{array}$$

$$\begin{array}{r} 204 \\ 680 \\ \hline 884 \end{array}$$

22.

$$\begin{array}{r} 4 \square \\ \times \square 1 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ 940 \\ \hline 987 \end{array}$$

23.

$$\begin{array}{r} \square 5 \\ \times 2 \square \\ \hline \end{array}$$

$$\begin{array}{r} 585 \\ 1300 \\ \hline 1885 \end{array}$$

24.

$$\begin{array}{r} 3 \square \\ \times \square 8 \\ \hline \end{array}$$

$$\begin{array}{r} 296 \\ 1110 \\ \hline 1406 \end{array}$$

25.

$$\begin{array}{r} 6 \square \\ \times \square 7 \\ \hline \end{array}$$

$$\begin{array}{r} 476 \\ 6120 \\ \hline 6596 \end{array}$$

26.

$$\begin{array}{r} 7 \square \\ \times \square 8 \\ \hline \end{array}$$

$$\begin{array}{r} 616 \\ 5390 \\ \hline 6006 \end{array}$$

27.

$$\begin{array}{r} \square 4 \\ \times 7 \square \\ \hline \end{array}$$

$$\begin{array}{r} 756 \\ 5880 \\ \hline 6636 \end{array}$$

28.

$$\begin{array}{r} \square 7 \\ \times 3 \square \\ \hline 693 \\ 2310 \\ \hline 3003 \end{array}$$

29.

$$\begin{array}{r} 4 \square \\ \times \square 2 \\ \hline 98 \\ 2450 \\ \hline 2548 \end{array}$$

30.

$$\begin{array}{r} \square 9 \\ \times 9 \square \\ \hline 178 \\ 8010 \\ \hline 8188 \end{array}$$

Answer Sheet: Key Stage 2 Maths Practise Reasoning:

Practise Reasoning: 2-digit by 2-digit Multiplication



question	answer	question	notes
1	81 x 24	16	26 x 24
2	22 x 62	17	26 x 64
3	46 x 39	18	49 x 66
4	19 x 15	19	12 x 89
5	37 x 12	20	84 x 37
6	25 x 11	21	68 x 13
7	29 x 79	22	47 x 21
8	51 x 36	23	65 x 29
9	67 x 81	24	37 x 38
10	68 x 25	25	68 x 97
11	75 x 71	26	77 x 78
12	64 x 45	27	84 x 79
13	47 x 16	28	77 x 39
14	49 x 24	29	49 x 52
15	65 x 53	30	89 x 92