

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.

$$\begin{array}{r}
 \begin{array}{r} 6 \square \\ \times \square 5 \end{array} \\
 \hline
 340 \\
 1360 \\
 \hline
 1700
 \end{array}$$

11.

$$\begin{array}{r}
 \begin{array}{r} 7 \square \\ \times \square 1 \end{array} \\
 \hline
 75 \\
 5250 \\
 \hline
 5325
 \end{array}$$

12.

$$\begin{array}{r}
 \begin{array}{r} 6 \square \\ \times \square 5 \end{array} \\
 \hline
 320 \\
 2560 \\
 \hline
 2880
 \end{array}$$

13.

$$\begin{array}{r}
 \begin{array}{r} \square 7 \\ \times 1 \square \end{array} \\
 \hline
 282 \\
 470 \\
 \hline
 752
 \end{array}$$

14.

$$\begin{array}{r}
 \begin{array}{r} 4 \square \\ \times \square 4 \end{array} \\
 \hline
 196 \\
 980 \\
 \hline
 1176
 \end{array}$$

15.

$$\begin{array}{r}
 \begin{array}{r} 6 \square \\ \times \square 3 \end{array} \\
 \hline
 195 \\
 3250 \\
 \hline
 3445
 \end{array}$$

16.

$$\begin{array}{r}
 \begin{array}{r} 2 \square \\ \times \square 4 \end{array} \\
 \hline
 104 \\
 520 \\
 \hline
 624
 \end{array}$$

17.

$$\begin{array}{r}
 \begin{array}{r} \square 6 \\ \times 6 \square \end{array} \\
 \hline
 104 \\
 1560 \\
 \hline
 1664
 \end{array}$$

18.

$$\begin{array}{r}
 \begin{array}{r} 4 \square \\ \times \square 6 \end{array} \\
 \hline
 294 \\
 2940 \\
 \hline
 3234
 \end{array}$$

19.

$$\begin{array}{r}
 \begin{array}{r} 1 \square \\ \times \square 9 \end{array} \\
 \hline
 108 \\
 960 \\
 \hline
 1068
 \end{array}$$

20.

$$\begin{array}{r}
 \begin{array}{r} 8 \square \\ \times \square 7 \end{array} \\
 \hline
 588 \\
 2520 \\
 \hline
 3108
 \end{array}$$

21.

$$\begin{array}{r}
 \begin{array}{r} 6 \square \\ \times \square 3 \end{array} \\
 \hline
 204 \\
 680 \\
 \hline
 884
 \end{array}$$

22.

$$\begin{array}{r}
 \begin{array}{r} 4 \square \\ \times \square 1 \end{array} \\
 \hline
 47 \\
 940 \\
 \hline
 987
 \end{array}$$

23.

$$\begin{array}{r}
 \begin{array}{r} \square 5 \\ \times 2 \square \end{array} \\
 \hline
 585 \\
 1300 \\
 \hline
 1885
 \end{array}$$

24.

$$\begin{array}{r}
 \begin{array}{r} 3 \square \\ \times \square 8 \end{array} \\
 \hline
 296 \\
 1110 \\
 \hline
 1406
 \end{array}$$

25.

$$\begin{array}{r}
 \begin{array}{r} 6 \square \\ \times \square 7 \end{array} \\
 \hline
 476 \\
 6120 \\
 \hline
 6596
 \end{array}$$

26.

$$\begin{array}{r}
 \begin{array}{r} 7 \square \\ \times \square 8 \end{array} \\
 \hline
 616 \\
 5390 \\
 \hline
 6006
 \end{array}$$

27.

$$\begin{array}{r}
 \begin{array}{r} \square 4 \\ \times 7 \square \end{array} \\
 \hline
 756 \\
 5880 \\
 \hline
 6636
 \end{array}$$

28.

$$\begin{array}{r}
 \square 7 \\
 \times 3 \square \\
 \hline
 6 \quad 9 \quad 3 \\
 2 \quad 3 \quad 1 \quad 0 \\
 \hline
 3 \quad 0 \quad 0 \quad 3
 \end{array}$$

29.

$$\begin{array}{r}
 4 \square \\
 \times \square 2 \\
 \hline
 \quad 9 \quad 8 \\
 2 \quad 4 \quad 5 \quad 0 \\
 \hline
 2 \quad 5 \quad 4 \quad 8
 \end{array}$$

30.

$$\begin{array}{r}
 \square 9 \\
 \times 9 \square \\
 \hline
 1 \quad 7 \quad 8 \\
 8 \quad 0 \quad 1 \quad 0 \\
 \hline
 8 \quad 1 \quad 8 \quad 8
 \end{array}$$

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