



## Multiplication Algorithm 2x2 With Carry - Step 3

**1** Multiply 6 and 3, and add the carry, to find the tens value of the first product.

$$\begin{array}{r}
 \phantom{0}1 \\
 \phantom{0}64 \\
 \times \phantom{0}43 \\
 \hline
 \phantom{0}??2 \\
 + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$

A	B	C
28	19	15
D	E	F
16	26	23

**2** Multiply 9 and 8, and add the carry, to find the tens value of the first product.

$$\begin{array}{r}
 \phantom{0}6 \\
 \phantom{0}98 \\
 \times \phantom{0}88 \\
 \hline
 \phantom{0}??4 \\
 + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$

A	B	C
85	57	78
D	E	F
15	22	64

**3** Multiply 6 and 2, and add the carry, to find the tens value of the first product.

$$\begin{array}{r}
 \phantom{0}0 \\
 \phantom{0}61 \\
 \times \phantom{0}92 \\
 \hline
 \phantom{0}??2 \\
 + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$

A	B	C
18	15	17
D	E	F
14	12	11

**4** Multiply 2 and 5, and add the carry, to find the tens value of the first product.

$$\begin{array}{r}
 \phantom{0}0 \\
 \phantom{0}20 \\
 \times \phantom{0}75 \\
 \hline
 \phantom{0}??0 \\
 + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$

A	B	C
19	11	16
D	E	F
13	10	17

**5** Multiply 7 and 7, and add the carry, to find the tens value of the first product.

$$\begin{array}{r}
 \phantom{0}2 \\
 \phantom{0}73 \\
 \times \phantom{0}67 \\
 \hline
 \phantom{0}??1 \\
 + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$

A	B	C
66	86	46
D	E	F
51	76	56

**6** Multiply 6 and 2, and add the carry, to find the tens value of the first product.

$$\begin{array}{r}
 \phantom{0}1 \\
 \phantom{0}69 \\
 \times \phantom{0}42 \\
 \hline
 \phantom{0}??8 \\
 + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$

A	B	C
10	13	11
D	E	F
12	18	19

**7** Multiply 7 and 3, and add the carry, to find the tens value of the first product.

$$\begin{array}{r}
 \phantom{0}2 \\
 \phantom{0}79 \\
 \times \phantom{0}43 \\
 \hline
 \phantom{0}??7 \\
 + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$

A	B	C
23	25	11
D	E	F
41	17	37

**8** Multiply 4 and 5, and add the carry, to find the tens value of the first product.

$$\begin{array}{r}
 \phantom{0}4 \\
 \phantom{0}49 \\
 \times \phantom{0}65 \\
 \hline
 \phantom{0}??5 \\
 + \phantom{0} \phantom{0} \phantom{0} \phantom{0} \\
 \hline
 \phantom{0} \phantom{0} \phantom{0} \phantom{0}
 \end{array}$$

A	B	C
36	12	32
D	E	F
10	30	24