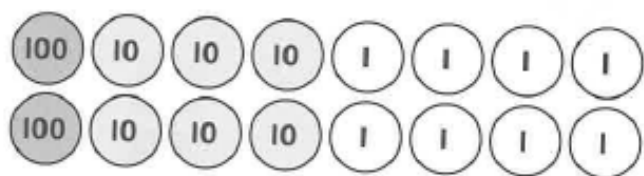


Multiplying a 3-digit number by a 1-digit number

- 1 The place value counters show a multiplication. Work out the answer to the multiplication.



$$\begin{array}{r} 134 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$

$$\square \times \square = \square$$

- 2 Complete the multiplications.

a)
$$\begin{array}{r} 213 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

d)
$$\begin{array}{r} 148 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

b)
$$\begin{array}{r} 114 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

e)
$$\begin{array}{r} 252 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

c)
$$\begin{array}{r} 115 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

f)
$$\begin{array}{r} 318 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

3 Work out the answers to these multiplications.

a) $122 \times 6 = \square$



c) $270 \times 3 = \square$



b) $215 \times 5 = \square$



d) $4 \times 624 = \square$



4 Find the missing numbers.

a)


$$\begin{array}{r} 2 \quad 3 \\ \times \quad 5 \\ \hline 1 \quad 4 \quad 6 \\ \hline \end{array}$$

b)

$$\begin{array}{r} 5 \quad 1 \quad 6 \\ \times \quad \quad \quad \\ \hline \quad \quad 1 \quad 2 \\ \hline \end{array}$$

5 A bar of soap weighs 145 g
How much do 8 of these bars weigh?
8 bars of soap weigh g.



- 6 Alex is multiplying 136 by 7. What mistakes has she made? 

		1	3	6
	x			7
		7	25	3
			4	



- 7 Here are some digit cards.

1 **2** **5**

CHALLENGE

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

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

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

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

Arrange the number cards to make these answers:

1,505

1,064

3,584

1,757

Reflect

Explain to your partner how to multiply 195 by 3.

Can your partner describe a different method?

- _____
- _____
- _____
- _____

