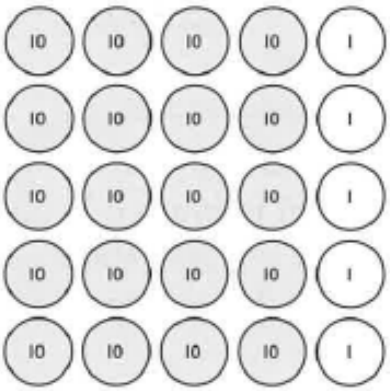
# Multiplying a 2-digit number by a 1-digit number

**1** The place value counters show a multiplication.




Complete the multiplication and then find the answer.

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

$\square \times \square = \square$

**2** Fill in the missing numbers.

**a)**
$$\begin{array}{r} 5\ 3 \\ \times\ 6 \\ \hline \\ \hline \end{array}$$

**b)**
$$\begin{array}{r} 4\ 7 \\ \times\ 3 \\ \hline \\ \hline \end{array}$$

**c)**
$$\begin{array}{r} 2\ 9 \\ \times\ 4 \\ \hline \\ \hline \end{array}$$

**d)**
$$\begin{array}{r} 2\ 2 \\ \times\ 8 \\ \hline \\ \hline \end{array}$$

**3** Work out the answers to these multiplications.

a) $28 \times 5 =$ ☐

b) $37 \times 4 =$ ☐

c) $64 \times 9 =$ ☐

d) $7 \times 32 =$ ☐

**4** Each day Amal travels 54 km to and from work. How many kilometres does he travel in 5 days?

Amal travels ☐ km in 5 days.

**5** Lee has made a mistake working out $54 \times 6$.

$$\begin{array}{r} 5\ 4 \\ \times\quad 6 \\ \hline 3\ 0\ 2\ 4 \end{array}$$

Thinking about place value columns might help me to explain this mistake.

Explain the mistake Lee has made.

CHALLENGE

**6** Fill in the missing numbers.

a)
$$\begin{array}{r} 5\ 7 \\ \times\ \square\ \square \\ \hline 1\ \square\ 1 \\ \hline \end{array}$$

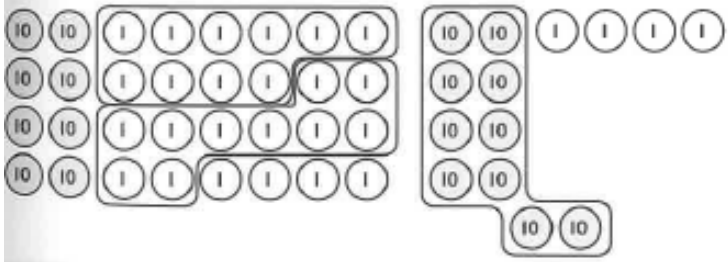
b)
$$\begin{array}{r} 2\ \square \\ \times\ \ 6 \\ \hline \square\ 8 \\ \hline \end{array}$$

c)
$$\begin{array}{r} \square\ \square \\ \times\ \ 7 \\ \hline 8\ 3 \\ \hline \end{array}$$

For the first one, I am going to think of a number in the 7 times-table that ends in a 1.

## Reflect

Explain how this diagram matches the calculation.




$$\begin{array}{r} 2\ 6 \\ \times\ \ 4 \\ \hline 1\ 0\ 4 \\ \hline {\scriptstyle 2} \end{array}$$