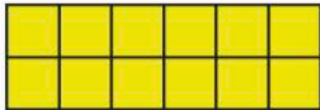


Practice 3

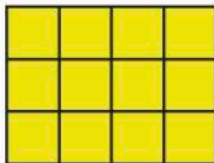
- I. Find the factors of 12.



$$12 = 1 \times \underline{\hspace{2cm}}$$

factor \times factor = product

$$12 = 2 \times \underline{\hspace{2cm}}$$



$$12 = 3 \times \underline{\hspace{2cm}}$$

The factors of 12 are 1, 2, 3, _____, _____, and _____.

2. Find the missing factors.

(a)

$$25 = 5 \times \underline{\hspace{2cm}}$$

(b)

$$40 = \underline{\hspace{2cm}} \times 4$$

(c)

$$18 = 3 \times \underline{\hspace{2cm}}$$

(d)

$$30 = \underline{\hspace{2cm}} \times 5$$

(e)

$$42 = 6 \times \underline{\hspace{2cm}}$$

(f)

$$56 = \underline{\hspace{2cm}} \times 7$$

(g)

$$70 = 10 \times \underline{\hspace{2cm}}$$

(h)

$$90 = \underline{\hspace{2cm}} \times 10$$

(i)

$$88 = 8 \times \underline{\hspace{2cm}}$$

(j)

$$99 = \underline{\hspace{2cm}} \times 9$$

3. Write the missing numbers.

(a) $18 = 1 \times \underline{\hspace{2cm}}$

$18 = 2 \times \underline{\hspace{2cm}}$

$18 = 3 \times \underline{\hspace{2cm}}$

The factors of 18 are 1, 2, 3, , , and .

(b) $27 = 1 \times \underline{\hspace{2cm}}$

$27 = 3 \times \underline{\hspace{2cm}}$

The factors of 27 are 1, 3, , and .

(c) The common factors of 18 and 27 are 1, 3, and .

(d) The greatest common factor of 18 and 27 is .

Practice 6

I. Multiply.

(a) Multiply 43 by 2.

Base ten blocks: 4 tens rods (pink) and 3 ones units (blue).

Equations: $40 \times 2 = 80$ and $3 \times 2 = 6$.

Multiplication problem:

$$\begin{array}{r} 43 \\ \times 2 \\ \hline 86 \end{array}$$

$43 \times 2 =$

(b) Multiply 35 by 3.

Base ten blocks: 3 tens rods (pink) and 5 ones units (blue).

Equations: $30 \times 3 = 90$ and $5 \times 3 = 15$.

Multiplication problem:

$$\begin{array}{r} 35 \\ \times 3 \\ \hline 105 \end{array}$$

$35 \times 3 =$

(c)

$$\begin{array}{r} 20 \\ \times 3 \\ \hline \end{array}$$

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



$$\begin{array}{r} 26 \\ \times 3 \\ \hline \end{array}$$

$$(20 \times 3) + (6 \times 3) = 26 \times 3$$



(d)

$$\begin{array}{r} 30 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$



$$\begin{array}{r} 38 \\ \times 4 \\ \hline \end{array}$$

(e)

$$\begin{array}{r} 40 \\ \times 5 \\ \hline \end{array}$$

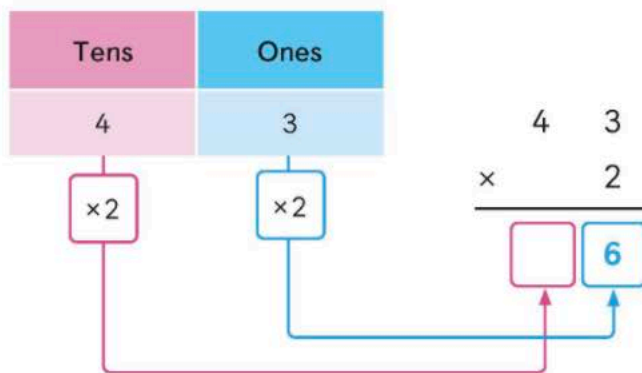
$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$



$$\begin{array}{r} 47 \\ \times 5 \\ \hline \end{array}$$

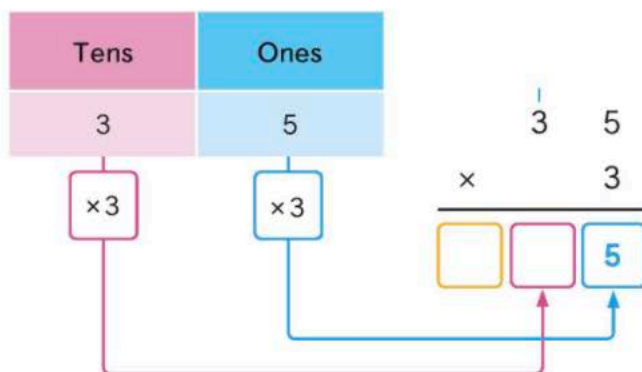
2. Multiply.

(a)



$$43 \times 2 =$$

(b)



$$35 \times 3 =$$