

Evaluate each expression.

1.)  $42 \cdot 13$

$$\begin{array}{r} 42 \\ \times 13 \\ \hline 126 \\ + 420 \\ \hline 546 \end{array}$$

2.)  $0.5 \times 10 \times 18.6$

$$\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$$

$$\underbrace{5 \times 18.6}_{93}$$

$$\begin{array}{r} 43 \\ 186 \\ \times 5 \\ \hline 930 \end{array}$$

3.)  $7n$  when  $n = 12$

$$7(12) \begin{array}{r} 12 \\ \times 7 \\ \hline 84 \end{array}$$

4.)  $19m$  for  $m = 0.8$

$$19(0.8)$$

$$\boxed{15.2}$$

$$\begin{array}{r} 79 \\ \times 8 \\ \hline 152 \end{array}$$

Evaluate each expression.

5.)  $2.7p$  for  $p = 400$

$$2.7(400)$$

$$\begin{array}{r} 400 \\ \times 27 \\ \hline 2800 \\ + 8000 \\ \hline 10800 \end{array}$$

6.)  $15x$  when  $x = 3.75$

$$15(3.75)$$

$$\boxed{56.25}$$

$$\begin{array}{r} 375 \\ \times 15 \\ \hline 1875 \\ + 3750 \\ \hline 5625 \end{array}$$

7.)  $11 \cdot z \cdot 0.5$  for  $z = 0.22$

$$11 \cdot 0.22 \cdot 0.5$$

$$2.42 \cdot 0.5$$

$$\boxed{1.21}$$

$$\begin{array}{r} 11 \\ \times 22 \\ \hline 22 \\ + 220 \\ \hline 242 \\ \times 5 \\ \hline 1210 \end{array}$$

8.)  $k \cdot 1.7(k)$  for  $k = 18$

$$18 \cdot 1.7(18)$$

$$30.6 \cdot 18$$

$$\boxed{550.8}$$

$$\begin{array}{r} 18 \\ \times 17 \\ \hline 126 \\ 180 \\ \hline 306 \\ \times 18 \\ \hline 2448 \\ + 3060 \\ \hline 5508 \end{array}$$

Evaluate each expression for  $x = 0.3$  and  $y = 6.2$ .

$$9.) xy = \boxed{1.86}$$

$$(0.3)(6.2)$$

$$\begin{array}{r} 62 \\ \times 3 \\ \hline 186 \end{array}$$

$$10.) y(0.4) = \boxed{2.48}$$

$$(6.2)(0.4)$$

$$\begin{array}{r} 62 \\ \times 4 \\ \hline 248 \end{array}$$

$$11.) 3.5y = \boxed{21.7}$$

$$3.5(6.2)$$

$$\begin{array}{r} 62 \\ \times 35 \\ \hline 1310 \\ +1860 \\ \hline 2170 \end{array}$$

Evaluate each expression for  $x = 0.3$  and  $y = 6.2$ .

$$12.) 2x$$

$$13.) 8y$$

$$14.) 2x + 27.34$$