

Review Exercise Set 19

Exercise 1: Solve and write the answer as a decimal.

$$x + 1.03 = 7.486$$

Exercise 2: Solve and write the answer as a decimal.

$$1.2y = 6$$

Exercise 3: Solve and write the answer as a decimal.

$$\frac{w}{2.1} = 1.001$$

Exercise 4: Solve and write the answer as a decimal.

$$-1.843 = x - 6.954$$

Exercise 5: Solve and write the answer as a decimal.

$$\frac{x}{2} - 0.53 = 4.26$$

Review Exercise Set 19 Answer Key

Exercise 1: Solve and write the answer as a decimal.

$$\begin{aligned}x + 1.03 &= 7.486 \\x + 1.03 - 1.03 &= 7.486 - 1.03 \\x &= \mathbf{6.456}\end{aligned}$$

$$\begin{array}{r}7.486 \\-1.03 \\ \hline 6.456\end{array}$$

Exercise 2: Solve and write the answer as a decimal.

$$\begin{aligned}1.2y &= 6 \\1.2y \div 1.2 &= 6 \div 1.2 \\y &= \mathbf{5}\end{aligned}$$

$$\begin{array}{r}5 \\ 1.2 \overline{)6.0} \\ \underline{-6.0} \\ 0\end{array}$$

Exercise 3: Solve and write the answer as a decimal.

$$\begin{aligned}\frac{w}{2.1} &= 1.001 \\ \frac{w}{2.1} * 2.1 &= 1.001 * 2.1 \\ w &= \mathbf{2.1021}\end{aligned}$$

$$\begin{array}{r}1.001 \\ \times 2.1 \\ \hline 1001 \\ 2002 \\ \hline 2.1021\end{array}$$

Exercise 4: Solve and write the answer as a decimal.

$$\begin{aligned} -1.843 &= x - 6.954 \\ -1.843 + 6.954 &= x - 6.954 + 6.954 \\ \mathbf{5.111} &= \mathbf{x} \end{aligned}$$

$$\begin{array}{r} 6.954 \\ -1.843 \\ \hline 5.111 \end{array}$$

Exercise 5: Solve and write the answer as a decimal.

$$\begin{aligned} \frac{x}{2} - 0.53 &= 4.26 \\ \frac{x}{2} - 0.53 + 0.53 &= 4.26 + 0.53 \\ \frac{x}{2} &= 4.79 \\ \frac{x}{2} * 2 &= 4.79 * 2 \\ \mathbf{x} &= \mathbf{9.58} \end{aligned}$$