

Homework Answers

Txtbook p. 318

$$\begin{array}{r} 8) \quad x - 7 = 10 \\ \quad + 7 \quad + 7 \\ \hline \boxed{x = 17} \end{array}$$

$$\begin{array}{r} 10) \quad 4z = 1 \\ \quad \div 4 \quad \div 4 \\ \hline \boxed{z = \frac{1}{4} \text{ or } .25} \end{array}$$

$$\begin{array}{r} 12) \quad 0.8 = a + 0.5 \\ \quad \quad \quad - 0.5 \quad - 0.5 \\ \hline \boxed{0.3 = a} \end{array}$$

$$\begin{array}{r} 14) \quad 0.4c = 6 \\ \quad 0.4 \quad 0.4 \\ \hline \boxed{c = 15} \end{array}$$

$$\begin{array}{r} 16) \quad -2\frac{1}{3} = -3 + p \\ \quad \quad \quad + 3 \quad + 3 \\ \hline \boxed{\frac{2}{3} = p} \end{array}$$

$$\begin{array}{r} 18) \quad r - 0.35 = 0.2 \\ \quad \quad \quad + 0.35 \quad + 0.35 \\ \hline \boxed{r = 0.55} \end{array}$$

$$\begin{array}{r} 20) \quad 2x + 7 = 1 \\ \quad \quad \quad - 7 \quad - 7 \\ \hline 2x = -6 \\ \quad \div 2 \quad \div 2 \\ \hline \boxed{x = -3} \end{array}$$

$$\begin{array}{r} 22) \quad 3z = 20 + z \\ \quad \quad \quad - z \quad - z \\ \hline 2z = 20 \\ \quad \div 2 \quad \div 2 \\ \hline \boxed{z = 10} \end{array}$$

$$\begin{array}{r} 24) \quad 2.5k = 11 + 0.3k \\ \quad \quad \quad - 0.3k \quad - 0.3k \\ \hline 2.2k = 11 \\ \quad \div 2.2 \quad \div 2.2 \\ \hline \boxed{k = 5} \end{array}$$

$$\begin{array}{r} 26) \quad 2(x-1) = -2 \\ \quad 2x - 2 = -2 \\ \quad \quad \quad + 2 \quad + 2 \\ \hline 2x = 0 \\ \quad \div 2 \quad \div 2 \\ \hline \boxed{x = 0} \end{array}$$