

Find the solution.

$$1. \quad 13 + x = 28$$

$$\begin{array}{r} -13 \\ -13 \end{array}$$

$$x = 15$$

$$3. \quad m - 76 = 303$$

$$\begin{array}{r} +76 \\ +76 \end{array}$$

$$m = 379$$

$$5. \quad x + 76 = 303$$

$$\begin{array}{r} -76 \\ -76 \end{array}$$

$$x = 227$$

$$7. \quad 3y = 4.8$$

$$\begin{array}{r} 3 \\ 3 \end{array}$$

$$y = 1.6$$

$$3 \overline{) 4.8}$$

$$\begin{array}{r} 1.6 \\ -3 \\ \hline 18 \end{array}$$

$$9. \quad f - 31.2 = 48.04$$

$$\begin{array}{r} +31.2 \\ +31.2 \end{array}$$

$$f = 79.24$$

$$11. \quad a - \frac{1}{8} = \frac{3}{4} + \frac{1}{8}$$

$$\begin{array}{r} +\frac{1}{8} \\ +\frac{1}{8} \end{array}$$

$$a = \frac{6}{8} + \frac{1}{8} = \frac{7}{8}$$

$$13. \quad p + 3\frac{1}{5} = 5\frac{9}{10} - 3\frac{1}{5}$$

$$\begin{array}{r} -3\frac{1}{5} \\ -3\frac{1}{5} \end{array}$$

$$p = 5\frac{9}{10} - 3\frac{2}{10}$$

$$p = 2\frac{7}{10}$$

14. Write 3 equations that have a solution of 10.

$$5x = 50$$

$$x - 3 = 7$$

$$23 + x = 33$$

$$\frac{x}{2} = 5$$

(sample answers)

$$2. \quad 8 \cdot 4 = \frac{w}{8}$$

$$\begin{array}{r} 8 \\ 8 \end{array}$$

$$32 = w$$

$$4. \quad \frac{12y}{12} = \frac{72}{12}$$

$$y = 6$$

$$6. \quad p + 3.3 = 12.17$$

$$\begin{array}{r} -3.3 \\ -3.3 \end{array}$$

$$p = 8.87$$

$$8. \quad a = 3.5 \cdot 5$$

$$\begin{array}{r} 3.5 \\ \times 5 \\ \hline 17.5 \end{array}$$

$$a = 17.5$$

$$10. \quad \frac{3}{7}x = \frac{2}{7} \cdot \frac{7}{3} = \frac{14}{21} \text{ reduce}$$

$$x = \frac{2}{3}$$

$$12. \quad \frac{m}{6} = \frac{5}{7} \cdot \frac{6}{1} = \frac{30}{7}$$

$$m = \frac{30}{7} \text{ or } 4\frac{2}{7}$$

either one is fine