

$$\begin{aligned} 2. \quad & 5y - 7 = 3y + 23 \\ & 5y - 3y - 7 = 3y - 3y + 23 \\ & 2y - 7 = 23 \end{aligned}$$

$$\begin{aligned} & 4x + 12 = x + 39 \\ & 4x - x + 12 = x - x + 39 \\ & 3x + 12 = 39 \end{aligned}$$

$$\begin{aligned} & 13p + 28 = 5p + 52 \\ & 13p - 5p + 28 = 5p - 5p + 52 \\ & 8p + 28 = 52 \end{aligned}$$

**Check:**

$$5(\quad) - 7 = 3(\quad) + 23$$

**Check:**

$$4(\quad) + 12 = (\quad) + 39$$

**Check:**

$$13(\quad) + 28 = 5(\quad) + 52$$

**Solve each equation. Check each answer.**

$$3. \quad 11n - 6 = 9n$$

$$12y = 3y + 18$$

$$4x - 15 = x$$

$$4. \quad 4b + 17 = b + 23$$

$$2y + 14 = y + 17$$

$$5x - 7 = 2x + 33$$

$$5. \quad 9x + 32 = 4x + 82$$

$$8w - 13 = w + 50$$

$$3z + 14 = 2z + 14$$

$$6. \quad \frac{3}{5}n - 2 = \frac{1}{5}n + 3$$

$$x + 8 = \frac{1}{4}x + 32$$

$$\frac{7}{8}y - 9 = \frac{3}{4}y + 5$$