Linear Equations in One Variable

1. Solve each linear equation:
(Similar to p.56 #38)

$$4x - 3 = 17$$

2. Solve each linear equation:
(Similar to p.56 #46)

$$-9z + 7 = -6z + 1$$

3. Solve each linear equation:
(Similar to p.56 #50)

$$9(z - 2) = 9$$

4. Solve each linear equation:
(Similar to p.56 #52)

$$\frac{2x}{5} + \frac{x}{2} = \frac{3}{4}$$

5. Solve each linear equation:
(Similar to p.56 #54)

$$\frac{5x - 1}{2} - \frac{4x + 3}{3} = \frac{-5}{6}$$

6. Solve the equation. Identify each equation as an identity, contradiction, or conditional equation.
(Similar to p.57 #60)

$$8(s+2) = 2s + 6s$$

7. Solve the equation. Identify each equation as an identity, contradiction, or conditional equation.
(Similar to p.57 #64)

$$4(w+1) - 5w = 5(w+2) + 6(-1-w)$$

8. Solve the equation. Identify each equation as an identity, contradiction, or conditional equation.
(Similar to p.57 #70)

$$\frac{9x-1}{4} - \frac{5x-1}{2} = \frac{7}{3}$$