

1. (a) Solve  $a + 9 = 17$

(b) Solve  $b - 9 = 17$

2. (a) Solve  $3a = 36$

(b) Solve  $\frac{b}{3} = 9$

3. (a) Solve  $3a + 5 = 17$

(b) Solve  $3(b - 5) = 21$

4. (a) Solve  $a + a + a = 54$

(b) Solve  $7b - 2b = 35$

5. (a) Solve  $3x^2 = 75$

(b) Solve  $x^2 - 3x - 18 = 0$

6. (a)  $\frac{9x + 5}{4} = 3x - 1$

(b) Solve  $2(7 - x) = 4x - 16$

7. Solve  $4g + 7 = 6g + 1$

8. Solve  $\frac{3x + 31}{2} = 4x + 5$