

Solving for a variable

Name _____

Solve the following equations for a.

1) $a + 3 = 5$

2) $a + 3b = 5$

3) $5a - 4 = 11$

4) $5a - 4b = 11c$

5) $\frac{2}{3}a = 6$

6) $\frac{2}{3}a = 6b$

Solve the following equations for y.

7) $3x + y = 2$

8) $4x + 2y = 12$

9) $5x + 3y = 12$

10) $4x - 5y = 20$

11) $-3x + 2y = 9$

12) $-7x + 4y = -28$