

S2 Homework: Equations

Solve the following equations.

$$\textcircled{1} 3x - 2 = x + 6$$

$$\textcircled{2} 3(y - 2) = 12$$

$$\textcircled{3} 7 - 3y = 1$$

$$\textcircled{4} \frac{x}{5} = 6$$

$$\textcircled{5} 3(3w - 1) - 11 = 40$$

$$\textcircled{6} 2(m + 3) - 2 = 7 + 3m$$

$$\textcircled{7} 3x - 1 = 7 - (8 + 3x)$$

$$\textcircled{8} \frac{y - 1}{3} = 2$$

$$\textcircled{9} \frac{x + 3}{3} + \frac{x}{4} = 1$$

$$\textcircled{10} \frac{x + 3}{4} - \frac{x - 1}{2} = 0$$

$$\textcircled{11} \frac{1}{2}(2x - 1) = \frac{1}{3}(2x + 5)$$

$$\textcircled{12} \frac{2x}{3} - \frac{1}{2} = \frac{3x}{4}$$