

6.1 Linear Equations

Are the following linear equations true, false or neither?

$$4 + 3 = 7$$

$$7 - 3 = 5$$

$$3x4 = 12$$

$$x + 2 = 7$$

Example 1: Solve the equation $x + 2 = 5$

Example 2: Solve the equation $3x = 5$

Example 3: Solve the equation $-\frac{2}{3}x = 6$

Example 4: Solve the equation $5x - 4 = 2x - 1$