

Check Your Understanding

Solving Equations: Definitions – Values, Expressions, Equations, and Solutions

Answer these problems, then check your answers using the key on the next page.

#1) Evaluate this expression if $x = 8$: $x^2 + 2x - 4$

#2) Is $x = -3$ a solution to the equation $4x - 7 = 2$?

#3) Which of these ordered pairs are solutions of $5x + y = 2$?

- a) $(0, 2)$ b) $(1, -3)$ c) $(3, 3)$ d) $(-1, 7)$

Answers:

#1) 76

#2) No

#3) a, b, and d