

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #1B

$$y - 4 = -2$$
$$y = 2$$

$$y - 6 = 2$$
$$y = 8$$

$$y - 5 = 2$$
$$y = 7$$

$$y - 3 = 3$$
$$y = 6$$

$$x - 7 = 0$$
$$x = 7$$

$$x - 3 = 1$$
$$x = 4$$

$$y - 9 = -5$$
$$y = 4$$

$$x - 9 = -7$$
$$x = 2$$

$$x - 2 = 2$$
$$x = 4$$

$$y - 7 = -3$$
$$y = 4$$

$$y - 1 = 0$$
$$y = 1$$

$$x - 6 = 3$$
$$x = 9$$

$$x - 4 = 1$$
$$x = 5$$

$$y - 9 = -8$$
$$y = 1$$

$$y - 1 = 2$$
$$y = 3$$

$$x - 7 = 2$$
$$x = 9$$

$$x - 9 = 0$$
$$x = 9$$

$$x - 2 = -1$$
$$x = 1$$

$$y - 8 = -1$$
$$y = 7$$

$$y - 9 = -2$$
$$y = 7$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #2B

$$x - 7 = -4$$

$$x = 3$$

$$y - 5 = 0$$

$$y = 5$$

$$y - 8 = -7$$

$$y = 1$$

$$x - 4 = 3$$

$$x = 7$$

$$y - 6 = -4$$

$$y = 2$$

$$y - 1 = 1$$

$$y = 2$$

$$x - 8 = -6$$

$$x = 2$$

$$x - 3 = 2$$

$$x = 5$$

$$x - 1 = 5$$

$$x = 6$$

$$y - 7 = 1$$

$$y = 8$$

$$y - 9 = -5$$

$$y = 4$$

$$x - 2 = 5$$

$$x = 7$$

$$y - 2 = 0$$

$$y = 2$$

$$y - 4 = 0$$

$$y = 4$$

$$x - 3 = -2$$

$$x = 1$$

$$x - 3 = 4$$

$$x = 7$$

$$y - 5 = 3$$

$$y = 8$$

$$y - 8 = -5$$

$$y = 3$$

$$y - 4 = -3$$

$$y = 1$$

$$x - 9 = 0$$

$$x = 9$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #3B

$$y - 1 = 8$$
$$y = 9$$

$$x - 8 = -4$$
$$x = 4$$

$$x - 9 = -4$$
$$x = 5$$

$$x - 4 = 2$$
$$x = 6$$

$$x - 3 = 5$$
$$x = 8$$

$$x - 6 = 0$$
$$x = 6$$

$$x - 3 = 2$$
$$x = 5$$

$$x - 6 = 3$$
$$x = 9$$

$$y - 5 = 2$$
$$y = 7$$

$$y - 5 = 0$$
$$y = 5$$

$$x - 2 = 5$$
$$x = 7$$

$$y - 2 = 0$$
$$y = 2$$

$$y - 8 = -1$$
$$y = 7$$

$$x - 2 = 6$$
$$x = 8$$

$$y - 7 = 1$$
$$y = 8$$

$$y - 7 = -1$$
$$y = 6$$

$$x - 3 = 4$$
$$x = 7$$

$$y - 1 = 0$$
$$y = 1$$

$$y - 4 = -3$$
$$y = 1$$

$$y - 4 = 5$$
$$y = 9$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #4B

$$x - 9 = -6$$

$$x = 3$$

$$y - 2 = 1$$

$$y = 3$$

$$y - 3 = 6$$

$$y = 9$$

$$y - 1 = 4$$

$$y = 5$$

$$y - 7 = -2$$

$$y = 5$$

$$y - 7 = -1$$

$$y = 6$$

$$x - 8 = -6$$

$$x = 2$$

$$x - 4 = 4$$

$$x = 8$$

$$x - 6 = -5$$

$$x = 1$$

$$y - 5 = 2$$

$$y = 7$$

$$x - 8 = -4$$

$$x = 4$$

$$x - 8 = -3$$

$$x = 5$$

$$y - 1 = 8$$

$$y = 9$$

$$x - 1 = 7$$

$$x = 8$$

$$x - 6 = -3$$

$$x = 3$$

$$y - 7 = -5$$

$$y = 2$$

$$y - 6 = -4$$

$$y = 2$$

$$y - 4 = -3$$

$$y = 1$$

$$y - 7 = -3$$

$$y = 4$$

$$x - 5 = 1$$

$$x = 6$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #5B

$$x - 9 = -3$$

$$x = 6$$

$$y - 1 = 8$$

$$y = 9$$

$$x - 1 = 5$$

$$x = 6$$

$$x - 6 = 3$$

$$x = 9$$

$$x - 2 = 7$$

$$x = 9$$

$$y - 4 = 5$$

$$y = 9$$

$$y - 6 = -1$$

$$y = 5$$

$$y - 4 = -1$$

$$y = 3$$

$$x - 7 = -6$$

$$x = 1$$

$$y - 5 = -3$$

$$y = 2$$

$$x - 2 = 6$$

$$x = 8$$

$$y - 2 = 1$$

$$y = 3$$

$$x - 5 = -2$$

$$x = 3$$

$$x - 3 = 4$$

$$x = 7$$

$$x - 7 = -4$$

$$x = 3$$

$$x - 6 = -5$$

$$x = 1$$

$$y - 3 = 6$$

$$y = 9$$

$$y - 1 = 4$$

$$y = 5$$

$$y - 4 = -2$$

$$y = 2$$

$$x - 4 = 2$$

$$x = 6$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #6B

$$y - 4 = -3$$
$$y = 1$$

$$x - 9 = -6$$
$$x = 3$$

$$y - 8 = -5$$
$$y = 3$$

$$x - 6 = -5$$
$$x = 1$$

$$y - 6 = 2$$
$$y = 8$$

$$x - 7 = 2$$
$$x = 9$$

$$x - 5 = -2$$
$$x = 3$$

$$y - 1 = 1$$
$$y = 2$$

$$x - 3 = 0$$
$$x = 3$$

$$x - 3 = -2$$
$$x = 1$$

$$y - 1 = 8$$
$$y = 9$$

$$x - 9 = -3$$
$$x = 6$$

$$y - 3 = 3$$
$$y = 6$$

$$x - 8 = -3$$
$$x = 5$$

$$x - 2 = -1$$
$$x = 1$$

$$y - 4 = -2$$
$$y = 2$$

$$x - 1 = 5$$
$$x = 6$$

$$x - 4 = 4$$
$$x = 8$$

$$y - 4 = -1$$
$$y = 3$$

$$y - 5 = 2$$
$$y = 7$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #7B

$$y - 3 = 6$$

$$y = 9$$

$$x - 3 = 1$$

$$x = 4$$

$$x - 2 = -1$$

$$x = 1$$

$$x - 2 = 2$$

$$x = 4$$

$$x - 5 = -2$$

$$x = 3$$

$$x - 6 = -5$$

$$x = 1$$

$$y - 7 = 1$$

$$y = 8$$

$$x - 4 = 3$$

$$x = 7$$

$$x - 3 = -1$$

$$x = 2$$

$$y - 1 = 8$$

$$y = 9$$

$$y - 5 = 0$$

$$y = 5$$

$$x - 9 = -6$$

$$x = 3$$

$$y - 4 = 5$$

$$y = 9$$

$$x - 9 = -7$$

$$x = 2$$

$$x - 2 = 5$$

$$x = 7$$

$$y - 2 = 1$$

$$y = 3$$

$$y - 7 = -3$$

$$y = 4$$

$$x - 1 = 6$$

$$x = 7$$

$$x - 4 = 2$$

$$x = 6$$

$$y - 5 = 2$$

$$y = 7$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #8B

$$y - 5 = 0$$

$$y = 5$$

$$x - 8 = -3$$

$$x = 5$$

$$x - 2 = 6$$

$$x = 8$$

$$x - 7 = 2$$

$$x = 9$$

$$y - 5 = 2$$

$$y = 7$$

$$x - 8 = 1$$

$$x = 9$$

$$x - 2 = 3$$

$$x = 5$$

$$x - 1 = 7$$

$$x = 8$$

$$y - 4 = -1$$

$$y = 3$$

$$x - 2 = 7$$

$$x = 9$$

$$y - 7 = -1$$

$$y = 6$$

$$y - 4 = -2$$

$$y = 2$$

$$x - 3 = 5$$

$$x = 8$$

$$x - 7 = -6$$

$$x = 1$$

$$y - 2 = 0$$

$$y = 2$$

$$y - 7 = 1$$

$$y = 8$$

$$y - 7 = -3$$

$$y = 4$$

$$x - 3 = 2$$

$$x = 5$$

$$x - 6 = -5$$

$$x = 1$$

$$x - 5 = -4$$

$$x = 1$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #9B

$$x - 5 = -1$$

$$x = 4$$

$$y - 5 = 2$$

$$y = 7$$

$$x - 9 = -6$$

$$x = 3$$

$$x - 3 = 5$$

$$x = 8$$

$$y - 1 = 4$$

$$y = 5$$

$$y - 5 = -3$$

$$y = 2$$

$$y - 7 = 1$$

$$y = 8$$

$$x - 7 = -4$$

$$x = 3$$

$$x - 1 = 5$$

$$x = 6$$

$$y - 6 = -1$$

$$y = 5$$

$$x - 2 = 7$$

$$x = 9$$

$$y - 6 = -4$$

$$y = 2$$

$$x - 8 = -2$$

$$x = 6$$

$$x - 5 = 1$$

$$x = 6$$

$$y - 3 = 6$$

$$y = 9$$

$$x - 1 = 7$$

$$x = 8$$

$$x - 7 = -6$$

$$x = 1$$

$$x - 6 = 0$$

$$x = 6$$

$$y - 8 = -1$$

$$y = 7$$

$$y - 8 = -7$$

$$y = 1$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #10B

$$x - 2 = 3$$

$$x = 5$$

$$x - 1 = 7$$

$$x = 8$$

$$y - 9 = -5$$

$$y = 4$$

$$x - 3 = -2$$

$$x = 1$$

$$y - 2 = 4$$

$$y = 6$$

$$y - 1 = 1$$

$$y = 2$$

$$y - 3 = 3$$

$$y = 6$$

$$y - 7 = -3$$

$$y = 4$$

$$y - 4 = 5$$

$$y = 9$$

$$y - 5 = 3$$

$$y = 8$$

$$x - 5 = 1$$

$$x = 6$$

$$y - 9 = -8$$

$$y = 1$$

$$y - 4 = -3$$

$$y = 1$$

$$y - 5 = 2$$

$$y = 7$$

$$x - 8 = -3$$

$$x = 5$$

$$x - 3 = 5$$

$$x = 8$$

$$y - 6 = -2$$

$$y = 4$$

$$x - 8 = -6$$

$$x = 2$$

$$y - 6 = -1$$

$$y = 5$$

$$y - 3 = 6$$

$$y = 9$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #11B

$$y - 7 = -1$$
$$y = 6$$

$$y - 1 = 1$$
$$y = 2$$

$$y - 7 = -3$$
$$y = 4$$

$$y - 4 = -3$$
$$y = 1$$

$$x - 3 = 5$$
$$x = 8$$

$$x - 7 = -4$$
$$x = 3$$

$$y - 9 = -1$$
$$y = 8$$

$$y - 5 = -3$$
$$y = 2$$

$$x - 8 = -3$$
$$x = 5$$

$$x - 3 = -2$$
$$x = 1$$

$$x - 2 = 7$$
$$x = 9$$

$$x - 9 = 0$$
$$x = 9$$

$$x - 2 = 3$$
$$x = 5$$

$$y - 5 = 3$$
$$y = 8$$

$$y - 8 = -5$$
$$y = 3$$

$$x - 8 = -6$$
$$x = 2$$

$$x - 7 = -6$$
$$x = 1$$

$$y - 4 = -2$$
$$y = 2$$

$$y - 1 = 2$$
$$y = 3$$

$$x - 1 = 7$$
$$x = 8$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #12B

$$x - 7 = -4$$

$$x = 3$$

$$y - 7 = -1$$

$$y = 6$$

$$x - 8 = -2$$

$$x = 6$$

$$x - 5 = 1$$

$$x = 6$$

$$x - 2 = 6$$

$$x = 8$$

$$x - 6 = -5$$

$$x = 1$$

$$x - 3 = 5$$

$$x = 8$$

$$x - 4 = 2$$

$$x = 6$$

$$y - 5 = 0$$

$$y = 5$$

$$x - 8 = -3$$

$$x = 5$$

$$y - 7 = -5$$

$$y = 2$$

$$x - 3 = 2$$

$$x = 5$$

$$x - 8 = -6$$

$$x = 2$$

$$y - 4 = -2$$

$$y = 2$$

$$x - 7 = -6$$

$$x = 1$$

$$y - 8 = -5$$

$$y = 3$$

$$x - 8 = 0$$

$$x = 8$$

$$y - 1 = 8$$

$$y = 9$$

$$x - 3 = 1$$

$$x = 4$$

$$x - 9 = -6$$

$$x = 3$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #13B

$$y - 1 = 2$$
$$y = 3$$

$$y - 5 = 2$$
$$y = 7$$

$$x - 6 = -5$$
$$x = 1$$

$$x - 2 = 3$$
$$x = 5$$

$$y - 5 = -3$$
$$y = 2$$

$$x - 7 = -6$$
$$x = 1$$

$$x - 8 = -2$$
$$x = 6$$

$$x - 2 = 6$$
$$x = 8$$

$$x - 6 = 0$$
$$x = 6$$

$$y - 6 = -2$$
$$y = 4$$

$$x - 5 = -2$$
$$x = 3$$

$$x - 4 = 2$$
$$x = 6$$

$$y - 9 = -5$$
$$y = 4$$

$$x - 3 = -2$$
$$x = 1$$

$$x - 3 = 4$$
$$x = 7$$

$$x - 1 = 5$$
$$x = 6$$

$$y - 2 = 1$$
$$y = 3$$

$$x - 8 = -3$$
$$x = 5$$

$$x - 8 = -6$$
$$x = 2$$

$$y - 5 = 0$$
$$y = 5$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #14B

$$x - 8 = 1$$

$$x = 9$$

$$y - 7 = -2$$

$$y = 5$$

$$x - 7 = -4$$

$$x = 3$$

$$y - 6 = -2$$

$$y = 4$$

$$y - 1 = 0$$

$$y = 1$$

$$y - 5 = -3$$

$$y = 2$$

$$x - 8 = -4$$

$$x = 4$$

$$x - 7 = -6$$

$$x = 1$$

$$y - 1 = 2$$

$$y = 3$$

$$y - 1 = 8$$

$$y = 9$$

$$x - 8 = -2$$

$$x = 6$$

$$x - 3 = 0$$

$$x = 3$$

$$y - 6 = 2$$

$$y = 8$$

$$x - 2 = 3$$

$$x = 5$$

$$x - 5 = -2$$

$$x = 3$$

$$y - 1 = 3$$

$$y = 4$$

$$y - 4 = -1$$

$$y = 3$$

$$x - 5 = 1$$

$$x = 6$$

$$y - 7 = -1$$

$$y = 6$$

$$x - 6 = 0$$

$$x = 6$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #15B

$$x - 5 = -1$$

$$x = 4$$

$$y - 1 = 8$$

$$y = 9$$

$$x - 2 = 7$$

$$x = 9$$

$$y - 3 = 3$$

$$y = 6$$

$$x - 2 = 3$$

$$x = 5$$

$$x - 8 = -6$$

$$x = 2$$

$$x - 9 = -3$$

$$x = 6$$

$$x - 9 = 0$$

$$x = 9$$

$$y - 9 = -5$$

$$y = 4$$

$$x - 9 = -7$$

$$x = 2$$

$$x - 5 = -4$$

$$x = 1$$

$$y - 1 = 1$$

$$y = 2$$

$$x - 1 = 6$$

$$x = 7$$

$$x - 8 = -2$$

$$x = 6$$

$$y - 7 = -5$$

$$y = 2$$

$$x - 2 = 2$$

$$x = 4$$

$$x - 4 = 4$$

$$x = 8$$

$$y - 5 = -3$$

$$y = 2$$

$$y - 1 = 4$$

$$y = 5$$

$$x - 7 = 2$$

$$x = 9$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #16B

$$x - 4 = 3$$

$$x = 7$$

$$y - 2 = 4$$

$$y = 6$$

$$y - 1 = 1$$

$$y = 2$$

$$x - 3 = 0$$

$$x = 3$$

$$y - 7 = -3$$

$$y = 4$$

$$y - 5 = 3$$

$$y = 8$$

$$y - 1 = 0$$

$$y = 1$$

$$x - 1 = 5$$

$$x = 6$$

$$y - 5 = 2$$

$$y = 7$$

$$x - 9 = -3$$

$$x = 6$$

$$y - 9 = -1$$

$$y = 8$$

$$y - 8 = -7$$

$$y = 1$$

$$y - 9 = -5$$

$$y = 4$$

$$x - 9 = -6$$

$$x = 3$$

$$x - 3 = 1$$

$$x = 4$$

$$y - 7 = -1$$

$$y = 6$$

$$y - 1 = 2$$

$$y = 3$$

$$x - 3 = 4$$

$$x = 7$$

$$x - 3 = -1$$

$$x = 2$$

$$x - 8 = -4$$

$$x = 4$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #17B

$$x - 8 = -2$$

$$x = 6$$

$$x - 3 = 2$$

$$x = 5$$

$$x - 6 = 0$$

$$x = 6$$

$$y - 7 = -3$$

$$y = 4$$

$$y - 7 = 1$$

$$y = 8$$

$$y - 7 = -5$$

$$y = 2$$

$$x - 3 = -2$$

$$x = 1$$

$$x - 7 = 0$$

$$x = 7$$

$$x - 8 = 0$$

$$x = 8$$

$$x - 4 = 2$$

$$x = 6$$

$$y - 8 = -5$$

$$y = 3$$

$$x - 8 = -6$$

$$x = 2$$

$$x - 5 = 1$$

$$x = 6$$

$$x - 9 = -4$$

$$x = 5$$

$$y - 6 = -4$$

$$y = 2$$

$$x - 2 = 6$$

$$x = 8$$

$$y - 2 = 1$$

$$y = 3$$

$$x - 3 = 4$$

$$x = 7$$

$$y - 1 = 0$$

$$y = 1$$

$$x - 3 = 1$$

$$x = 4$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #18B

$$y - 8 = -5$$
$$y = 3$$

$$x - 8 = 1$$
$$x = 9$$

$$y - 1 = 8$$
$$y = 9$$

$$x - 4 = 2$$
$$x = 6$$

$$y - 7 = -5$$
$$y = 2$$

$$x - 5 = -2$$
$$x = 3$$

$$y - 4 = -2$$
$$y = 2$$

$$x - 2 = -1$$
$$x = 1$$

$$x - 6 = -3$$
$$x = 3$$

$$x - 3 = -1$$
$$x = 2$$

$$y - 1 = 4$$
$$y = 5$$

$$x - 9 = 0$$
$$x = 9$$

$$y - 1 = 3$$
$$y = 4$$

$$x - 5 = 4$$
$$x = 9$$

$$y - 6 = -2$$
$$y = 4$$

$$x - 4 = 4$$
$$x = 8$$

$$y - 6 = -1$$
$$y = 5$$

$$y - 6 = 2$$
$$y = 8$$

$$x - 1 = 6$$
$$x = 7$$

$$x - 5 = -1$$
$$x = 4$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #19B

$$x - 7 = -4$$

$$x = 3$$

$$x - 3 = 1$$

$$x = 4$$

$$x - 1 = 6$$

$$x = 7$$

$$y - 1 = 3$$

$$y = 4$$

$$x - 5 = 4$$

$$x = 9$$

$$y - 3 = 3$$

$$y = 6$$

$$x - 4 = 4$$

$$x = 8$$

$$y - 6 = -1$$

$$y = 5$$

$$y - 5 = 3$$

$$y = 8$$

$$x - 9 = -7$$

$$x = 2$$

$$y - 9 = -5$$

$$y = 4$$

$$y - 4 = 5$$

$$y = 9$$

$$x - 3 = -2$$

$$x = 1$$

$$x - 4 = 2$$

$$x = 6$$

$$y - 8 = -1$$

$$y = 7$$

$$x - 8 = -3$$

$$x = 5$$

$$y - 7 = -1$$

$$y = 6$$

$$x - 2 = 3$$

$$x = 5$$

$$y - 2 = 4$$

$$y = 6$$

$$y - 6 = -2$$

$$y = 4$$

Simple Algebraic Equations

Solve for the x or y.

Answers For Set #20B

$$x - 2 = 2$$

$$x = 4$$

$$y - 3 = 3$$

$$y = 6$$

$$x - 6 = -3$$

$$x = 3$$

$$x - 3 = 2$$

$$x = 5$$

$$y - 4 = -1$$

$$y = 3$$

$$y - 1 = 1$$

$$y = 2$$

$$x - 4 = 2$$

$$x = 6$$

$$x - 6 = 0$$

$$x = 6$$

$$y - 2 = 1$$

$$y = 3$$

$$x - 9 = 0$$

$$x = 9$$

$$x - 1 = 6$$

$$x = 7$$

$$y - 4 = -2$$

$$y = 2$$

$$y - 6 = 2$$

$$y = 8$$

$$x - 3 = 0$$

$$x = 3$$

$$x - 4 = 4$$

$$x = 8$$

$$x - 4 = 1$$

$$x = 5$$

$$x - 8 = -6$$

$$x = 2$$

$$y - 1 = 3$$

$$y = 4$$

$$x - 5 = 4$$

$$x = 9$$

$$x - 5 = -2$$

$$x = 3$$