Solve the system for each variable:

(1)

$$-6x + 3y = -6$$
$$6x + 10y = 110$$

(2)

$$7x - 7y = 42$$
$$-7x - y = 22$$

(3)

$$5x + 2y = 31$$
$$-5x - 9y = 18$$

(4)

$$-10x + 4y = -18$$
$$10x + 3y = 4$$

(5)

$$4x - 8y = -20$$
$$-4x - 5y = 20$$

(6)

$$-5x - 3y = -39$$
$$5x - 4y = 53$$

(7)

$$-2x + 4y = -2$$
$$2x - 3y = -2$$

(8)

$$4x + 3y = -47$$
$$-4x - 4y = 52$$

(9)

$$-7x + 2y = 40$$
$$7x + 7y = -49$$

(10)

$$5x + 9y = 90$$
$$-5x - 10y = -95$$

(11)

$$2x + 6y = 30$$
$$-2x - 5y = -24$$

(12)

$$3x - 9y = 15$$
$$-3x - 10y = 23$$

(13)

$$2x + 9y = 6$$
$$-2x - 7y = -6$$

(14)

$$9x - 4y = 50$$
$$-9x - 8y = -170$$

(15)

$$5x + y = 25$$
$$-5x + 4y = -25$$

(16)

$$7x + 9y = 103$$
$$-7x + 2y = -37$$

(17)

$$7x + 4y = -29$$
$$-7x - 9y = 39$$

(18)

$$7x - 6y = 64$$
$$-7x - 7y = 14$$

(19)

$$2x - 6y = 30$$
$$-2x - 7y = 61$$

(20)

$$10x - 5y = 65$$
$$-10x - 8y = 26$$

Version 1 Answer Key!

(1) Choice $x = 5, y = 8$: $x = 5, y = 8$
(2) Choice $x = -2, y = -8$: $x = -2, y = -8$
(3) Choice $x = 9, y = -7$: $x = 9, y = -7$
(4) Choice $x = 1, y = -2$: $x = 1, y = -2$
(5) Choice $x = -5, y = 0$: $x = -5, y = 0$
(6) Choice $x = 9, y = -2$: $x = 9, y = -2$
(7) Choice $x = -7, y = -4$: $x = -7, y = -4$
(8) Choice $x = -8, y = -5$: $x = -8, y = -5$
(9) Choice $x = -6, y = -1$: $x = -6, y = -1$
(10) Choice $x = 9, y = 5$: $x = 9, y = 5$
(11) Choice $x = -3, y = 6$: $x = -3, y = 6$
(12) Choice $x = -1, y = -2$: $x = -1, y = -2$
(13) Choice $x = 3, y = 0$: $x = 3, y = 0$
(14) Choice $x = 10, y = 10$: $x = 10, y = 10$
(15) Choice $x = 5, y = 0$: $x = 5, y = 0$
(16) Choice $x = 7, y = 6$: $x = 7, y = 6$
(17) Choice $x = -3, y = -2$: $x = -3, y = -2$
(18) Choice $x = 4, y = -6$: $x = 4, y = -6$
(19) Choice $x = -6, y = -7$: $x = -6, y = -7$
(20) Choice $x = 3, y = -7$: $x = 3, y = -7$