Name: _____ **Date:** _____

Inverse operations: Questions

(1)
$$7x - 10 = 18$$
$$7x - 10 + \ldots = 18 + \ldots$$
$$7x = \ldots$$
$$\frac{7x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(2)
$$6x - 7 = 29$$
$$6x - 7 + \ldots = 29 + \ldots$$
$$6x = \ldots$$
$$\frac{6x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(3)
$$10x - 4 = 16$$
$$10x - 4 + \ldots = 16 + \ldots$$
$$10x = \ldots$$
$$\frac{10x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(4)
$$3x - 9 = 9$$
$$3x - 9 + \ldots = 9 + \ldots$$
$$3x = \ldots$$
$$\frac{3x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(5)
$$5x - 3 = 7$$
$$5x - 3 + \ldots = 7 + \ldots$$
$$5x = \ldots$$
$$\frac{5x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(6)
$$7x - 5 = 58$$
$$7x - 5 + \ldots = 58 + \ldots$$
$$7x = \ldots$$
$$\frac{7x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(7)
$$2x - 5 = 1$$
$$2x - 5 + \ldots = 1 + \ldots$$
$$2x = \ldots$$
$$\frac{2x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(8)
$$3x - 8 = 10$$
$$3x - 8 + \ldots = 10 + \ldots$$
$$3x = \ldots$$
$$\frac{3x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(9)
$$6x - 1 = 23$$
$$6x - 1 + \ldots = 23 + \ldots$$
$$6x = \ldots$$
$$\frac{6x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(10)
$$5x - 4 = 11$$
$$5x - 4 + \ldots = 11 + \ldots$$
$$5x = \ldots$$
$$\frac{5x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(11)
$$8x - 1 = 23$$
$$8x - 1 + \ldots = 23 + \ldots$$
$$8x = \ldots$$
$$\frac{8x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(12)
$$10x - 4 = 36$$
$$10x - 4 + \ldots = 36 + \ldots$$
$$10x = \ldots$$
$$\frac{10x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(13)
$$9x - 2 = 52$$
$$9x - 2 + \ldots = 52 + \ldots$$
$$9x = \ldots$$
$$\frac{9x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(14)
$$9x - 3 = 60$$
$$9x - 3 + \ldots = 60 + \ldots$$
$$9x = \ldots$$
$$\frac{9x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(15)
$$4x - 5 = 23$$
$$4x - 5 + \ldots = 23 + \ldots$$
$$4x = \ldots$$
$$\frac{4x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(16)
$$7x - 6 = 57$$
$$7x - 6 + \ldots = 57 + \ldots$$
$$7x = \ldots$$
$$\frac{7x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(17)
$$6x - 3 = 33$$
$$6x - 3 + \ldots = 33 + \ldots$$
$$6x = \ldots$$
$$\frac{6x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(18)
$$2x - 1 = 13$$
$$2x - 1 + \ldots = 13 + \ldots$$
$$2x = \ldots$$
$$\frac{2x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(19)
$$6x - 8 = 10$$
$$6x - 8 + \ldots = 10 + \ldots$$
$$6x = \ldots$$
$$\frac{6x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$

(20)
$$4x - 7 = -3$$
$$4x - 7 + \ldots = -3 + \ldots$$
$$4x = \ldots$$
$$\frac{4x}{\ldots} = \frac{\ldots}{\ldots}$$
$$x = \ldots$$