

Name:

Answers!

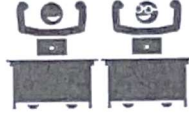
Class:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Question 01

Solve for x .

$$8x + 4 - x + 8 = 47$$

$$7x + 12 = 47$$
$$-12 \quad -12$$

$$7x = 35$$
$$x = 5$$

Question 03

Solve for x .

$$3x + 9 + x - 8 = 41$$

$$4x + 1 = 41$$
$$-1 \quad -1$$

$$4x = 40$$
$$x = 10$$

Question 02

Solve for x .

$$6x - 3 + 4x - 2 = 45$$

$$10x - 5 = 45$$
$$+5 \quad +5$$

$$10x = 50$$
$$x = 5$$

Question 04

Solve for x .

$$9x + 7 - 7x + 4 = 17$$

$$2x + 11 = 17$$
$$-11 \quad -11$$

$$2x = 6$$
$$x = 3$$

Question 05

Solve for x.

$$(9x + 5) - (-x + 3) = 92$$

$$9x + 5 + x - 3 = 92$$

$$10x + 2 = 92$$

$$\begin{array}{r} \cancel{10x} \quad \cancel{+2} \\ -2 \quad -2 \end{array}$$

$$10x = 90$$

$$x = 9$$

Question 06

Solve for x.

$$(5x + 2) + (-x - 3) = -29$$

$$5x + 2 - x - 3 = -29$$

$$4x - 1 = -29$$

$$\begin{array}{r} +1 \quad +1 \\ 4x = -28 \end{array}$$

$$x = -7$$

Question 07

Solve for x.

$$(7x + 5) - (4x + 3) = 26$$

$$7x + 5 - 4x - 3 = 26$$

$$3x + 2 = 26$$

$$\begin{array}{r} -2 \quad -2 \\ 3x = 24 \end{array}$$

$$3x = 24$$

$$x = 8$$

Question 08

Solve for x.

$$(6x + 5) - (-4x + 8) = -23$$

$$6x + 5 + 4x - 8 = -23$$

$$10x - 3 = -23$$

$$\begin{array}{r} +3 \quad +3 \\ 10x = -20 \end{array}$$

$$10x = -20$$

$$x = -2$$

Question 09

Solve for x.

$$(x + 7) + (-3x - 5) = -12$$

$$x + 7 - 3x - 5 = -12$$

$$-2x + 2 = -12$$

$$-2x = -14$$

$$x = 7$$

Question 10

Solve for x.

$$(7x + 8) - (4x + 10) = 13$$

$$7x + 8 - 4x - 10 = 13$$

$$3x - 2 = 13$$

$$3x = 15$$

$$x = 5$$