Solve for x.

$x \div 8 - 15 = -12$

$x \div 4 + 18 = 25$

$x \div 6 + 20 = 31$

$6x + 15 = 99$

$x \div -4 + 11 = 13$

Answer Key

Solve for x.

$$x \div 8 - 15 = -12$$
$$x \div 8 \quad\quad = -12 + 15$$
$$x \quad\quad\quad\quad = 3 \times 8$$
$$x \quad\quad\quad\quad = 24$$

$$x \div 4 + 18 = 25$$
$$x \div 4 \quad\quad = 25 - 18$$
$$x \quad\quad\quad\quad = 7 \times 4$$
$$x \quad\quad\quad\quad = 28$$

$$x \div 6 + 20 = 31$$
$$x \div 6 \quad\quad = 31 - 20$$
$$x \quad\quad\quad\quad = 11 \times 6$$
$$x \quad\quad\quad\quad = 66$$

$$6x + 15 = 99$$
$$6x \quad\quad = 99 - 15$$
$$x \quad\quad\; = 84 \div 6$$
$$x \quad\quad\; = 14$$

$$x \div -4 + 11 = 13$$
$$x \div -4 \quad\quad = 13 - 11$$
$$x \quad\quad\quad\quad = 2 \times -4$$
$$x \quad\quad\quad\quad = -8$$

Solve for x.

$x \div -7 - 20 = -17$

$x \div -4 - 13 = -18$

$x \div 8 + -6 = -3$

$2x - 5 = 31$

$6x - 11 = 49$

Answer Key

Solve for x.

$x \div -7 - 20 = -17$
$x \div -7 \qquad = -17 + 20$
$x \qquad\qquad = 3 \times -7$
$x \qquad\qquad = -21$

$x \div -4 - 13 = -18$
$x \div -4 \qquad = -18 + 13$
$x \qquad\qquad = -5 \times -4$
$x \qquad\qquad = 20$

$x \div 8 + -6 = -3$
$x \div 8 \qquad = -3 - -6$
$x \qquad\qquad = 3 \times 8$
$x \qquad\qquad = 24$

$2x - 5 = 31$
$2x \qquad = 31 + 5$
$x \qquad = 36 \div 2$
$x \qquad = 18$

$6x - 11 = 49$
$6x \qquad = 49 + 11$
$x \qquad = 60 \div 6$
$x \qquad = 10$

Solve for x.

$7x + -14 = 21$

$x \div 5 - 15 = -6$

$x \div -6 - 14 = -7$

$-5x + -7 = 28$

$x \div -11 + 2 = 8$

Answer Key

Solve for x.

$$7x + -14 = 21$$
$$7x = 21 - -14$$
$$x = 35 \div 7$$
$$x = 5$$

$$x \div 5 - 15 = -6$$
$$x \div 5 = -6 + 15$$
$$x = 9 \times 5$$
$$x = 45$$

$$x \div -6 - 14 = -7$$
$$x \div -6 = -7 + 14$$
$$x = 7 \times -6$$
$$x = -42$$

$$-5x + -7 = 28$$
$$-5x = 28 - -7$$
$$x = 35 \div -5$$
$$x = -7$$

$$x \div -11 + 2 = 8$$
$$x \div -11 = 8 - 2$$
$$x = 6 \times -11$$
$$x = -66$$

Solve for x.

$x \div -8 - 13 = -8$

$8x + 17 = 49$

$-9x + -6 = 84$

$x \div 4 - -1 = -2$

$x \div 6 + 1 = 5$

Answer Key

Solve for x.

$$x \div -8 - 13 = -8$$
$$x \div -8 \qquad = -8 + 13$$
$$x \qquad\qquad = 5 \times -8$$
$$x \qquad\qquad = -40$$

$$8x + 17 = 49$$
$$8x \qquad = 49 - 17$$
$$x \qquad = 32 \div 8$$
$$x \qquad = 4$$

$$-9x + -6 = 84$$
$$-9x \qquad = 84 - -6$$
$$x \qquad = 90 \div -9$$
$$x \qquad = -10$$

$$x \div 4 - -1 = -2$$
$$x \div 4 \qquad = -2 + -1$$
$$x \qquad\qquad = -3 \times 4$$
$$x \qquad\qquad = -12$$

$$x \div 6 + 1 = 5$$
$$x \div 6 \qquad = 5 - 1$$
$$x \qquad\qquad = 4 \times 6$$
$$x \qquad\qquad = 24$$

Solve for x.

$x \div -3 - 18 = -8$

$-9x - 12 = -66$

$x \div 6 - 8 = -10$

$x \div 9 - -10 = 13$

$x \div 7 - 13 = -11$

Answer Key

Solve for x.

$$x \div \text{-}3 - 18 = \text{-}8$$
$$x \div \text{-}3 \quad\quad = \text{-}8 + 18$$
$$x \quad\quad\quad\quad = 10 \times \text{-}3$$
$$x \quad\quad\quad\quad = \text{-}30$$

$$\text{-}9x - 12 = \text{-}66$$
$$\text{-}9x \quad\quad = \text{-}66 + 12$$
$$x \quad\quad\quad = \text{-}54 \div \text{-}9$$
$$x \quad\quad\quad = 6$$

$$x \div 6 - 8 = \text{-}10$$
$$x \div 6 \quad\quad = \text{-}10 + 8$$
$$x \quad\quad\quad = \text{-}2 \times 6$$
$$x \quad\quad\quad = \text{-}12$$

$$x \div 9 - \text{-}10 = 13$$
$$x \div 9 \quad\quad = 13 + \text{-}10$$
$$x \quad\quad\quad = 3 \times 9$$
$$x \quad\quad\quad = 27$$

$$x \div 7 - 13 = \text{-}11$$
$$x \div 7 \quad\quad = \text{-}11 + 13$$
$$x \quad\quad\quad = 2 \times 7$$
$$x \quad\quad\quad = 14$$

Solve for x.

$x \div 6 + {-6} = -4$

$x \div 2 + 15 = 20$

$3x + 14 = 56$

$x \div {-3} + {-8} = -3$

$x \div 11 + 4 = -4$

Answer Key

Solve for x.

$$x \div 6 + -6 = -4$$
$$x \div 6 = -4 - -6$$
$$x = 2 \times 6$$
$$x = 12$$

$$x \div 2 + 15 = 20$$
$$x \div 2 = 20 - 15$$
$$x = 5 \times 2$$
$$x = 10$$

$$3x + 14 = 56$$
$$3x = 56 - 14$$
$$x = 42 \div 3$$
$$x = 14$$

$$x \div -3 + -8 = -3$$
$$x \div -3 = -3 - -8$$
$$x = 5 \times -3$$
$$x = -15$$

$$x \div 11 + 4 = -4$$
$$x \div 11 = -4 - 4$$
$$x = -8 \times 11$$
$$x = -88$$

Online Maths Tutoring

Solve for x.

-6x - 14 = -80

3x + 6 = 3

-5x - -13 = 83

x ÷ 6 + 6 = 14

7x + 19 = -9

Answer Key

Solve for x.

$$-6x - 14 = -80$$
$$-6x = -80 + 14$$
$$x = -66 \div -6$$
$$x = 11$$

$$3x + 6 = 3$$
$$3x = 3 - 6$$
$$x = -3 \div 3$$
$$x = -1$$

$$-5x - -13 = 83$$
$$-5x = 83 + -13$$
$$x = 70 \div -5$$
$$x = -14$$

$$x \div 6 + 6 = 14$$
$$x \div 6 = 14 - 6$$
$$x = 8 \times 6$$
$$x = 48$$

$$7x + 19 = -9$$
$$7x = -9 - 19$$
$$x = -28 \div 7$$
$$x = -4$$

Online Maths Tutoring

Solve for x.

$x \div -3 - 2 = -7$

$-6x - -3 = -39$

$x \div 9 + -7 = 1$

$2x + 19 = 55$

$x \div -5 + 15 = 10$

Answer Key

Solve for x.

$$x \div -3 - 2 = -7$$
$$x \div -3 \quad = -7 + 2$$
$$x \quad = -5 \times -3$$
$$x \quad = 15$$

$$-6x - -3 = -39$$
$$-6x \quad = -39 + -3$$
$$x \quad = -42 \div -6$$
$$x \quad = 7$$

$$x \div 9 + -7 = 1$$
$$x \div 9 \quad = 1 - -7$$
$$x \quad = 8 \times 9$$
$$x \quad = 72$$

$$2x + 19 = 55$$
$$2x \quad = 55 - 19$$
$$x \quad = 36 \div 2$$
$$x \quad = 18$$

$$x \div -5 + 15 = 10$$
$$x \div -5 \quad = 10 - 15$$
$$x \quad = -5 \times -5$$
$$x \quad = 25$$

Solve for x.

-2x + 14 = -26

x ÷ 8 - 18 = -13

-4x + 3 = 51

x ÷ 8 - -1 = 10

5x - 2 = 33

Answer Key

Solve for x.

$$-2x + 14 = -26$$
$$-2x = -26 - 14$$
$$x = -40 \div -2$$
$$x = 20$$

$$x \div 8 - 18 = -13$$
$$x \div 8 = -13 + 18$$
$$x = 5 \times 8$$
$$x = 40$$

$$-4x + 3 = 51$$
$$-4x = 51 - 3$$
$$x = 48 \div -4$$
$$x = -12$$

$$x \div 8 - -1 = 10$$
$$x \div 8 = 10 + -1$$
$$x = 9 \times 8$$
$$x = 72$$

$$5x - 2 = 33$$
$$5x = 33 + 2$$
$$x = 35 \div 5$$
$$x = 7$$

Solve for x.

$x \div 11 + -5 = 1$

$x \div -7 - 13 = -3$

$-6x + 1 = 91$

$x \div 3 + -11 = -9$

$x \div 7 + 19 = 27$

Answer Key

Solve for x.

$$x \div 11 + -5 = 1$$
$$x \div 11 = 1 - -5$$
$$x = 6 \times 11$$
$$x = 66$$

$$x \div -7 - 13 = -3$$
$$x \div -7 = -3 + 13$$
$$x = 10 \times -7$$
$$x = -70$$

$$-6x + 1 = 91$$
$$-6x = 91 - 1$$
$$x = 90 \div -6$$
$$x = -15$$

$$x \div 3 + -11 = -9$$
$$x \div 3 = -9 - -11$$
$$x = 2 \times 3$$
$$x = 6$$

$$x \div 7 + 19 = 27$$
$$x \div 7 = 27 - 19$$
$$x = 8 \times 7$$
$$x = 56$$

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