

A

$$x = 16$$

Solve the equation.

$$17 + 8x = 3x + 62$$

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B

$$x = 3$$

Solve the equation.

$$7x - 2 = 10x + x + 6x$$

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C

$$x = 9$$

Solve the equation.

$$11 + 22x = 9 + 30x$$

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D

$$x = 4$$

Solve the equation.

$$-8 + \frac{2}{3}x + 4 = 2x - 5 - x$$

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E

$$x = -0.2$$

Solve the equation.

$$6.5x + 12 = -12 + 11x - 12$$

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F

$$x = 8$$

Solve the equation.

$$9(3 + x) = 6(2x - 1)$$

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G

$$x = -3$$

Solve the equation.

$$2 + 4(2x - 1) = 6.25x + 26$$

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H

$$x = 6$$

Solve the equation.

$$11(2x - 3) = 5(2x + 2) + 5$$

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I

$$x = 11$$

Solve the equation.

$$\frac{1}{3}x - 9 = 7(2x - 1) - 13x$$

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J

$$x = \frac{1}{4}$$

Solve the equation.

$$\frac{1}{2}(28 + 2x) = 5(x - 2)$$

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MULTI-STEP EQUATIONS SCAVENGER HUNT: RECORDING SHEET

Show all your work in the appropriate box below.

A

B

C

D

E

F

G

H

I

J

MULTI-STEP EQUATIONS SCAVENGER HUNT: RECORDING SHEET

Show all your work in the appropriate box below.

A

$$x = 9$$

B

$$x = -1/5$$

C

$$x = 1/4$$

D

$$x = 3$$

E

$$x = 8$$

F

$$x = 11$$

G

$$x = 16$$

H

$$x = 4$$

I

$$x = -3$$

J

$$x = 6$$

A

$$x = 16$$

Solve the equation.

$$17 + 8x = 3x + 62$$

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B

$$x = 3$$

Solve the equation.

$$7x - 2 = 10x + x + 6x$$

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C

$$x = 9$$

Solve the equation.

$$11 + 22x = 9 + 30x$$

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D

$$x = 4$$

Solve the equation.

$$-8 + \frac{2}{3}x + 4 = 2x - 5 - x$$

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E

$$x = -0.2 \text{ or } -\frac{1}{5}$$

Solve the equation.

$$6.5x + 12 = -12 + 11x - 12$$

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F

$$x = 8$$

Solve the equation.

$$27 + 9x = 12x - 6$$

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A black flag with a white letter 'G' on it.

$$x = -3$$

Solve the equation.

$$2 + 8x - 4 = 6.25x + 26$$

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A black flag with a white letter 'H' on it.

$$x = 6$$

Solve the equation.

$$22x - 33 = 10x + 10 + 5$$

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I

$$x = 11$$

Solve the equation.

$$\frac{1}{3}x - 9 = 14x - 7 - 13x$$

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J

$$x = \frac{1}{4}$$

Solve the equation.

$$14 + x = 5x - 10$$

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