

**A**

$$20 - \frac{1}{3}x - 18 = 8$$

**B**

$$8.75x + 2 - 16 - 8.25x = -2$$

**C**

$$5x + 16 + \frac{4}{5}x - 26 = 106$$

**D**

$$-.2x + 1.4x + 8 = 11.6$$

**E**

$$-2 + \frac{3}{2}x + 8 - x = -14$$

**F**

$$9 - 4.5 - .6x = 9.3$$

**G**

$$-\frac{5}{4}x + 21 - x = 48$$

**H**

$$-18 + 5.5x - x - 2 = 25$$

**I**

$$-50 + 5x + 10 + \frac{1}{6}x = -9$$

**J**

$$-5 - 2.4x + 8 = 51$$

**K**

$$-9 - \frac{3}{2}x + 5 = 11$$

**L**

$$-.5x + 2x + 6 - 1 = -1$$

**M**

$$-\frac{1}{4}x - 5 + \frac{3}{4}x = -1$$

**N**

$$-9 + .9x + 2 - .2x = -28$$

**O**

$$x - \frac{1}{3}x + 6 - 9 = 7$$

**P**

$$12 - 3.6x - 12 = 18$$

## MULTI-STEP EQUATIONS

Work your expert problem below. Be sure you can explain your work! Then, work the other problems in the corresponding boxes.

**EXPERT PROBLEM:**

\_\_\_\_\_

**A**

**B**

**C**

**D**

**E**

**F**

**G**

**H**

I

J

K

L

M

N

O

P

**SUMMARIZE WHAT YOU KNOW ABOUT SOLVING MULTI-STEP EQUATIONS:**

## MULTI-STEP EQUATIONS

Work your expert problem below. Be sure you can explain your work! Then, work the other problems in the corresponding boxes.

**EXPERT PROBLEM:**

\_\_\_\_\_

**A**

$$x = -18$$

**B**

$$x = 24$$

**C**

$$x = 20$$

**D**

$$x = 3$$

**E**

$$x = -40$$

**F**

$$x = -8$$

**G**

$$x = -12$$

**H**

$$x = 10$$

I

$$x = 6$$

J

$$x = -20$$

K

$$x = -10$$

L

$$x = -4$$

M

$$x = 8$$

N

$$x = -30$$

O

$$x = 15$$

P

$$x = -5$$

**SUMMARIZE WHAT YOU KNOW ABOUT SOLVING MULTI-STEP EQUATIONS:**

**A**

$$-\frac{1}{3}(x - 60) - 18 = 8$$

**B**

$$.1(5x - 20) - 12 = -2$$

**C**

$$5x + \frac{2}{5}(2x - 25) = 106$$

**D**

$$x + .2(x + 40) = 11.6$$

**E**

$$\frac{2}{3}(3x + 9) - 1\frac{1}{2}x = -14$$

**F**

$$9 - .3(15 + 2x) = 9.3$$

**G**

$$9 - \frac{3}{4}(3x - 16) = 48$$

**H**

$$1.5(3x - 10) - 5 = 25$$

**I**

$$\frac{1}{6}x + 5(-8 + x) = -9$$

**J**

$$-8(.3x - 1) - 5 = 51$$

**K**

$$-\frac{1}{2}(3x + 18) + 5 = 11$$

**L**

$$-.5x + 5(.4x + 1) = -1$$

**M**

$$-4 + \frac{1}{2}(x - 2) = -1$$

**N**

$$.1(9x - 70) - .2x = -28$$

**O**

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

**P**

$$12 - 1.2(3x + 10) = 18$$

# MULTI-STEP EQUATIONS

Work your expert problem below. Be sure you can explain your work! Then, work the other problems in the corresponding boxes.

**EXPERT PROBLEM:**

\_\_\_\_\_

**A**

**B**

**C**

**D**

**E**

**F**

**G**

**H**

I

J

K

L

M

N

O

P

**SUMMARIZE WHAT YOU KNOW ABOUT SOLVING MULTI-STEP EQUATIONS:**

## MULTI-STEP EQUATIONS

Work your expert problem below. Be sure you can explain your work! Then, work the other problems in the corresponding boxes.

### EXPERT PROBLEM:

\_\_\_\_\_

**A**

$$x = -18$$

**B**

$$x = 24$$

**C**

$$x = 20$$

**D**

$$x = 3$$

**E**

$$x = -40$$

**F**

$$x = -8$$

**G**

$$x = -12$$

**H**

$$x = 10$$

**I**

$x = 6$

**J**

$x = -20$

**K**

$x = -10$

**L**

$x = -4$

**M**

$x = 8$

**N**

$x = -30$

**O**

$x = 15$

**P**

$x = -5$

**SUMMARIZE WHAT YOU KNOW ABOUT SOLVING MULTI-STEP EQUATIONS:**