**Solve multi-step linear equations****1**

Solve for the variable in the equation

$$d - 2 = 4$$

A $d = 3$

B $d = 8$

C $d = 7$

D $d = 6$

E $d = 4$

F $d = 9$

2

Solve the one-step equation for x.

$$x - 10 = 3$$

A $x = 12$

B $x = 15$

C $x = 14$

D $x = 13$

3

Solve the one-step equation for x.

$$\frac{x}{6} = 9$$

A $x = 56$

B $x = 54$

C $x = 53$

D $x = 55$

4

Solve for the variable in the equation

$$m + 9 = 20 - 5$$

A $m = 7$

B $m = 3$

C $m = 8$

D $m = 6$

E $m = 5$

F $m = 9$

5

Solve for the variable in the equation

$$c + 7 = 18 - 7$$

A $c = 6$

B $c = 7$

C $c = 3$

D $c = 5$

E $c = 1$

F $c = 4$

6

What number can be put in the circle to make this equation correct?

$$3 \times \bigcirc + 9 = 15$$

A $\bigcirc = 0$

B $\bigcirc = 5$

C $\bigcirc = -1$

D $\bigcirc = 3$

E $\bigcirc = 1$

F $\bigcirc = 2$

7

Solve the two-step equation for x.

$$\frac{x}{2} - 9 = -2$$

A $x = 16$

B $x = 14$

C $x = 13$

D $x = 15$

8

Solve the two-step equation for x.

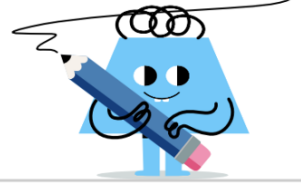
$$9x - 1 = 98$$

A $x = 10$

B $x = 12$

C $x = 13$

D $x = 11$

**Solve multi-step linear equations****9**

Solve the two-step equation for x.

$$\frac{x}{6} - 1 = 6$$

A

$x = 43$

B

$x = 42$

C

$x = 44$

D

$x = 41$

10

Solve the two-step equation for x.

$$5 + \frac{x}{9} = 17$$

A

$x = 108$

B

$x = 107$

C

$x = 109$

D

$x = 110$

11

What number can be put in the circle to make this equation correct?

$$5 \cdot \bigcirc = 49 - 2 \cdot \bigcirc$$

A

$\bigcirc = 8$

B

$\bigcirc = 10$

C

$\bigcirc = 5$

D

$\bigcirc = 4$

E

$\bigcirc = 7$

F

$\bigcirc = 6$

12

Solve for the variable in the equation

$$9p - 8 = 20 - 5p$$

A

$p = 3$

B

$p = 2$

C

$p = 0$

D

$p = -1$

E

$p = 1$

F

$p = 4$

13

What number can be put in the circle to make this equation correct?

$$6 \cdot \bigcirc + 9 = 13 + 4 \cdot \bigcirc$$

A

$\bigcirc = 0$

B

$\bigcirc = -1$

C

$\bigcirc = 2$

D

$\bigcirc = 1$

E

$\bigcirc = 3$

F

$\bigcirc = 4$

14

How many solutions does this linear equation have?

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

A

One solution

B

Zero solutions

C

Infinitely many solutions