



Verify solutions to equations

1

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

$$3 \times \bigcirc \div 5 = 6$$

A $\bigcirc = 12$	B $\bigcirc = 11$
C $\bigcirc = 10$	D $\bigcirc = 8$
E $\bigcirc = 7$	F $\bigcirc = 9$

2

Solve for the variable in the equation

$$d + 6 = 19 - 6$$

A $d = 6$	B $d = 8$
C $d = 10$	D $d = 9$
E $d = 7$	F $d = 4$

3

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

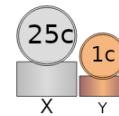
$$\frac{48}{2 \cdot \bigcirc} = 3$$

A $\bigcirc = 11$	B $\bigcirc = 6$
C $\bigcirc = 10$	D $\bigcirc = 7$
E $\bigcirc = 9$	F $\bigcirc = 8$

4

With X Quarters and Y Pennies, some coins are worth \$0.51. With Y Quarters and X Pennies they would be worth \$0.27. What is X + Y?

\$0.51



A 6	B 7	C 11	D 3
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5

Find the intersection point of these two lines

$$y = -4x + 3$$

$$y = -1x + 6$$

A (2, 11)	B (-1, 7)
C (-1, 5)	D (0, 11)
E (-3, 4)	F (-4, 6)

6

Solve for the variable in the equation

$$30 \div (2 \times x) = 5$$

A $x = 2$	B $x = 6$
C $x = 4$	D $x = 3$
E $x = 1$	F $x = 5$

7

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

$$\frac{93}{8 \cdot \bigcirc + 7} = 3$$

A $\bigcirc = 4$	B $\bigcirc = 2$
C $\bigcirc = 6$	D $\bigcirc = 3$
E $\bigcirc = 1$	F $\bigcirc = 5$

8

Solve for the variable in the equation

$$\frac{111}{6y - 5} = 3$$

A $y = 7$	B $y = 5$
C $y = 10$	D $y = 6$
E $y = 8$	F $y = 9$

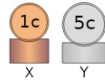


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9

With X Pennies and Y Nickels, some coins are worth \$0.14. With Y Pennies and X Nickels they would be worth \$0.22. What is $X + Y$?

\$0.14



A 9

B 15

C 11

D 6

E 1

10

Find the intersection point of these two lines

$$y = 6x - 2$$

$$y = -5x - 2$$

A $(-2, -5)$ B $(-2, -3)$ C $(-5, 2)$ D $(-5, -5)$ E $(-3, -1)$ F $(-0, -2)$ **11**

Solve for the variable in the equation

$$4 \times r \div 3 = 4$$

A $r = 3$ B $r = 4$ C $r = 6$ D $r = 5$ E $r = 1$ F $r = 2$ **12**

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

$$\frac{5 \cdot \bigcirc + 6}{7 \cdot \bigcirc} = 1$$

A $\bigcirc = 4$ B $\bigcirc = 6$ C $\bigcirc = 2$ D $\bigcirc = 1$ E $\bigcirc = 3$ F $\bigcirc = 5$