



Solve equations with variables on both sides

1

Solve for the variable in the equation

$$p + 8 = 17$$

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

2

Solve for the variable in the equation

$$8b + 8 = 112 - 5b$$

A	$b = 8$	B	$b = 9$
C	$b = 10$	D	$b = 6$
E	$b = 5$	F	$b = 11$

3

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

$$4 \cdot \bigcirc + 2 = 38 - 5 \cdot \bigcirc$$

A	$\bigcirc = 5$	B	$\bigcirc = 3$
C	$\bigcirc = 4$	D	$\bigcirc = 7$
E	$\bigcirc = 1$	F	$\bigcirc = 6$

4

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

$$5 \cdot \bigcirc = 21 - 2 \cdot \bigcirc$$

A	$\bigcirc = 3$	B	$\bigcirc = 2$
C	$\bigcirc = 5$	D	$\bigcirc = 1$
E	$\bigcirc = 0$	F	$\bigcirc = 4$

5

Solve for the variable in the equation

$$9n = 35 + 2n$$

A	$n = 8$	B	$n = 5$
C	$n = 4$	D	$n = 7$
E	$n = 6$	F	$n = 2$

6

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

$$98 \div (2 \times \bigcirc) = 7$$

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

7

Solve for the variable in the equation

$$8b - 6 = 129 - 7b$$

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

8

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

$$7 \cdot \bigcirc - 6 = 1 + 6 \cdot \bigcirc$$

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



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9

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

$$\frac{108}{3 \cdot \bigcirc} = 9$$

A $\bigcirc = 2$

B $\bigcirc = 6$

C $\bigcirc = 7$

D $\bigcirc = 3$

E $\bigcirc = 4$

F $\bigcirc = 5$

10

Solve for the variable in the equation

$$\frac{3d}{3} = 5$$

A $d = 2$

B $d = 4$

C $d = 7$

D $d = 6$

E $d = 5$

F $d = 8$

11

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

$$8 \cdot \bigcirc = 52 - 5 \cdot \bigcirc$$

A $\bigcirc = 6$

B $\bigcirc = 5$

C $\bigcirc = 7$

D $\bigcirc = 4$

E $\bigcirc = 2$

F $\bigcirc = 3$

12

Solve for the variable in the equation

$$3p - 2 = 33 - 2p$$

A $p = 4$

B $p = 9$

C $p = 7$

D $p = 6$

E $p = 10$

F $p = 8$