

Solutions to Equations

Date _____ Period _____

State whether the numeric equation is true or false.

1) $9 - 3 = 6$

2) $14 - 7 = 8$

3) $3 + 5 = 10$

4) $6 \cdot 4 = 24$

5) $9 \div 3 = 4$

6) $8 = 16 \div 2$

Determine if the value provided is a solution to the equation.

7) $4 + x = 11$, $x = 5$

8) $x - 4 = 3$, $x = 7$

9) $x \div 4 = 4$, $x = 17$

10) $2 \cdot 9 = x$, $x = 18$

Find a solution to the equation.

11) $16 = 7 + x$

12) $14 - x = 6$

13) $5 = x - 8$

14) $15 = 9 + x$

15) $x \div 2 = 2$

16) $8x = 72$

17) $3 = x \div 6$

18) $x \div 9 = 9$

Solutions to Equations

State whether the numeric equation is true or false.

1) $9 - 3 = 6$

True

2) $14 - 7 = 8$

False

3) $3 + 5 = 10$

False

4) $6 \cdot 4 = 24$

True

5) $9 \div 3 = 4$

False

6) $8 = 16 \div 2$

True

Determine if the value provided is a solution to the equation.

7) $4 + x = 11$, $x = 5$

No

8) $x - 4 = 3$, $x = 7$

Yes

9) $x \div 4 = 4$, $x = 17$

No

10) $2 \cdot 9 = x$, $x = 18$

Yes

Find a solution to the equation.

11) $16 = 7 + x$

 $x = 9$

12) $14 - x = 6$

 $x = 8$

13) $5 = x - 8$

 $x = 13$

14) $15 = 9 + x$

 $x = 6$

15) $x \div 2 = 2$

 $x = 4$

16) $8x = 72$

 $x = 9$

17) $3 = x \div 6$

 $x = 18$

18) $x \div 9 = 9$

 $x = 81$