

Math 60/80 " Linear equations Addition and Multiplication Properties"

Determine if the given value is a solution to the equation:

1) $3x - 1 = 5$; $x = 2$

2) $4t + 2 = 16$; $t = 3$

3) $r + 1.6 = 2r + 1$; $r = 0.6$

Solve each equation using the addition property.

4) $x - 9 = 11$

5) $x + 4 = -8$

6) $12 = n - 7$

7) $-8 = x + 5$

8) $w + 3.5 = -2.6$

Solve each using the Multiplication property.

9) $5c = 25$

10) $-7n = 28$

11) $\frac{5}{3}a = 35$

12) $\frac{n}{5} = 8$

13) $\frac{1}{2}x = \frac{9}{2}$

14) $\frac{6}{5} = 2x$

Solve each equation:

15) $n - 4 = -2$

16) $2 = 3x$

17) $-39 = x - 58$

18) $-40 = -6c$

19) $x + \frac{5}{16} = \frac{3}{16}$

20) $-\frac{3}{2}n = 12$