

Name: _____

Solving Equations Using Multiplication or Division

Find the equation. Check your solution.

1) $5c = -15$

2) $54 = 9x$

3) $6 = \frac{u}{4}$

4) $\frac{y}{-10} = 7$

5) $3x = 27$

6) $4y = 52$

7) $84 = -21v$

8) $-65 = 13u$

9) $16 = \frac{p}{6}$

10) $-7 = \frac{q}{11}$

11) $301 = 43s$

12) $-r = 38$

13) $\frac{x}{7} = 5$

14) $\frac{y}{-3} = 8$

15) $-95 = -5b$

16) $-23a = 0$

17) $9 = \frac{m}{-36}$

18) $\frac{n}{62} = -54$

19) $\frac{c}{-2} = -91$

20) $17 = \frac{d}{17}$

Solve the equation. Check your solution.

21) $7x - 3x = 24$

22) $-110 = 12y + 10y$

23) $-4(9g) = 252$

24) $150 = 6(5h)$

25) $-3 = \frac{z}{6+11}$

26) $\frac{w}{8} = 9 - (-4)$

27) One type of thermal ice drill can drill through ice at a rate of 15 feet per minute by using heat to melt the ice. Find the time it takes the drill to melt through a sheet of ice 75 feet thick.