

Practice 2-6

Solving Equations by Multiplying or Dividing

Solve each equation.

- | | |
|--------------------------------|-----------------------------------|
| 1. $\frac{k}{-5} = -5$ _____ | 2. $-3 = \frac{n}{7}$ _____ |
| 3. $\frac{x}{12} = 0$ _____ | 4. $-6 = \frac{m}{-2}$ _____ |
| 5. $\frac{y}{-4} = -12$ _____ | 6. $\frac{s}{30} = 6$ _____ |
| 7. $\frac{1}{9}z = 0$ _____ | 8. $-\frac{m}{55} = 1$ _____ |
| 9. $-3x = 18$ _____ | 10. $-56 = 8y$ _____ |
| 11. $8p = -8$ _____ | 12. $-4s = -32$ _____ |
| 13. $14h = 42$ _____ | 14. $-175 = 25g$ _____ |
| 15. $-42 = 6m$ _____ | 16. $-2x = 34$ _____ |
| 17. $\frac{x}{-9} = -11$ _____ | 18. $216 = 9w$ _____ |
| 19. $-17v = -17$ _____ | 20. $-161 = 23t$ _____ |
| 21. $56h = 3,136$ _____ | 22. $20 = \frac{e}{-25}$ _____ |
| 23. $4,200 = 30x$ _____ | 24. $\frac{y}{-21} = -21$ _____ |
| 25. $\frac{m}{-3} = 21$ _____ | 26. $4,000 = \frac{x}{-40}$ _____ |

27. A bamboo tree grew 3 in. per day. Write and solve an equation to find how many days d it took the tree to grow 144 in.

Equation: _____ Solution: _____

28. Carl drove 561 miles. His car averages 33 miles per gallon of gas. Write and solve an equation to find how much gas g Carl's car used.

Equation: _____ Solution: _____

For what values of y is each equation true?

- | | | |
|----------------------------|-----------------------------------|--------------------------|
| 29. $-5 y = -25$
_____ | 30. $\frac{ y }{2} = 28$
_____ | 31. $9 y = 27$
_____ |
|----------------------------|-----------------------------------|--------------------------|

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