2. $-3 = \frac{n}{7}$

4. $-6 = \frac{m}{-2}$

6. $\frac{s}{30} = 6$

8. $-\frac{m}{55} = 1$

10. -56 = 8y _____

12. -4s = -32

14. -175 = 25g

16. -2x = 34

18. 216 = 9w ______

20. -161 = 23t

22. $20 = \frac{e}{-25}$

24. $\frac{y}{-21} = -21$

26. $4{,}000 = \frac{x}{-40}$

Practice 2-6 Solving Equations by Multiplying or Dividing

Solve each equation.

1.
$$\frac{k}{-5} = -5$$

3.
$$\frac{x}{12} = 0$$

5.
$$\frac{y}{-4} = -12$$

7.
$$\frac{1}{9}z = 0$$

9.
$$-3x = 18$$

11.
$$8p = -8$$

13.
$$14h = 42$$

15.
$$-42 = 6m$$

17.
$$\frac{x}{-9} = -11$$

19.
$$-17v = -17$$

25.
$$\frac{m}{-3} = 21$$

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.

27. A bamboo tree grew 3 in. per day. Write and solve an equation to find

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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7. Solve the equation for *h*.

8. What is the height of one story?

The result should be equal to the height of the building.

9. Multiply the height of one story by the number of stories.

and solve to find the length of one section.

Look Back and Check

Solve Another Problem

10. You have 34 sections of fencing, all of equal length. You put them together to build a fence 136 ft long. Write an equation