

**LESSON**  
**9-7** **Practice B**  
**Dividing Integers**

Write the sign of each quotient.

1.  $56 \div 8$

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2.  $-45 \div (-9)$

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3.  $36 \div (-12)$

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4.  $54 \div (-6)$

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5.  $-84 \div 7$

\_\_\_\_\_

6.  $-225 \div (-15)$

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Find each quotient.

7.  $-45 \div 9$  \_\_\_\_\_

8.  $15 \div (-3)$  \_\_\_\_\_

9.  $-56 \div 8$  \_\_\_\_\_

10.  $-10 \div (-5)$  \_\_\_\_\_

11.  $28 \div (-7)$  \_\_\_\_\_

12.  $-36 \div (-6)$  \_\_\_\_\_

13.  $81 \div 9$  \_\_\_\_\_

14.  $-72 \div 9$  \_\_\_\_\_

15.  $-121 \div (-11)$  \_\_\_\_\_

Evaluate  $\frac{n}{-3}$  for each value of  $n$ .

16.  $n = 6$  \_\_\_\_\_

17.  $n = -18$  \_\_\_\_\_

18.  $n = -24$  \_\_\_\_\_

19.  $n = -36$  \_\_\_\_\_

20.  $n = 30$  \_\_\_\_\_

21.  $n = -21$  \_\_\_\_\_

Evaluate  $n \div 2$  for each value of  $n$ .

22.  $n = -14$  \_\_\_\_\_

23.  $n = 20$  \_\_\_\_\_

24.  $n = -24$  \_\_\_\_\_

25.  $n = 8$  \_\_\_\_\_

26.  $n = -18$  \_\_\_\_\_

27.  $n = -22$  \_\_\_\_\_

28. What two division equations can you use to check the answer to the problem  $6 \cdot (-4) = -24$ ?

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29. Why are the rules for dividing integers similar to the rules for multiplying integers?

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30. What two multiplication equations can you use to check the answer to the problem  $-32 \div 8 = -4$ ?

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31. Name two integers whose product is  $-18$  and whose quotient is  $-2$ .

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