

## LESSON

11-8

**Practice C*****Dividing Integers***

Use each set of integers to write two expressions, one with a positive quotient and one with a negative quotient.

1.  $-24, -6, 3$

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\_\_\_\_\_

2.  $40, -4, 5$

\_\_\_\_\_

\_\_\_\_\_

3.  $-1, -9, 18$

\_\_\_\_\_

\_\_\_\_\_

**Find each quotient.**

4.  $64 \div (-8)$  \_\_\_\_\_

5.  $-81 \div 3$  \_\_\_\_\_

6.  $-100 \div (-4)$  \_\_\_\_\_

7.  $-75 \div (-5)$  \_\_\_\_\_

8.  $128 \div (-4)$  \_\_\_\_\_

9.  $-180 \div (-10)$  \_\_\_\_\_

10.  $161 \div (-7)$  \_\_\_\_\_

11.  $124 \div (-4)$  \_\_\_\_\_

12.  $238 \div (-2)$  \_\_\_\_\_

**Evaluate  $n \div (-12)$  for each value of  $n$ .**

13.  $n = 12$  \_\_\_\_\_

14.  $n = -48$  \_\_\_\_\_

15.  $n = 36$  \_\_\_\_\_

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

17.  $n = 60$  \_\_\_\_\_

18.  $n = -144$  \_\_\_\_\_

**Evaluate each expression for the given value of the variable.**

19.  $w \div (-7)$ ,  $w = 49$

20.  $v \div 11$ ,  $v = -121$

21.  $n \div 3$ ,  $n = -48$

22.  $-95 \div m$ ,  $m = -5$

23.  $z \div 8$ ,  $z = -96$

24.  $c \div -9$ ,  $c = -180$

25. On four different days in February, the temperatures were  $12^\circ\text{F}$  above zero,  $3^\circ\text{F}$  below zero,  $5^\circ\text{F}$  above zero, and  $2^\circ\text{F}$  below zero. What was the mean temperature for those four days?

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26. During March, Toy World reported a loss of \$486. That was three times the amount of money the company lost the previous month. How much money did Toy World lose in February?

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