

LESSON
11-8

Practice B
Dividing Integers

Find each quotient.

1. $56 \div 8$

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

3. $36 \div (-12)$

4. $54 \div (-6)$

5. $-84 \div 7$

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

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 $6 \cdot (-4) = -24$?

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

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

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

