Name _____ Date _____ Class _____

Skills Readiness
Multiply and Divide Integers

Multiplying and Dividing Integers	
Like Signs	Unlike Signs
Rule: When multiplying or dividing two integers with like signs (both positive or both negative), the product or quotient is always positive.	Rule: When multiplying or dividing two integers with unlike signs (one positive and one negative), the product or quotient is always negative.
Example 1: Multiply $-5(-10)$. The signs are the same so the product is $+50$.	Example 2: Divide $27 \div (-9)$. The signs are different so the quotient is -3.

Practice on Your Own
Perform each indicated operation.

1. $5(-3)$ **2.** $24 \div (-6)$ **3.** $-11(5)$ **4.** $-40 \div 5$

_____   _____   _____   _____

5. $-9(-7)$ **6.** $-18 \div (-3)$ **7.** $-25(6)$ **8.** $\dfrac{-60}{4}$

_____   _____   _____   _____

9. $13(2)$ **10.** $\dfrac{-49}{-7}$ **11.** $-8(4)$ **12.** $\dfrac{48}{-16}$

_____   _____   _____   _____

Check
Perform each indicated operation.

13. $7(-10)$ **14.** $-42 \div (-7)$ **15.** $-8(9)$ **16.** $35 \div (-5)$

_____   _____   _____   _____

17. $-4(-16)$ **18.** $-144 \div 12$ **19.** $-3(-3)$ **20.** $\dfrac{-120}{-10}$

_____   _____   _____   _____

Holt McDougal Algebra 1