

## Reteaching 1-9 Multiplying and Dividing Integers

Multiplying and dividing integers is very similar to multiplying and dividing whole numbers. Just remember the two basic rules for determining the sign of the product or quotient.

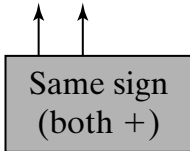
**Rule 1:** The product or quotient of two integers with the *same sign* is positive.

**Rule 2:** The product or quotient of two integers with *opposite signs* is negative.

**Find each product or quotient.**

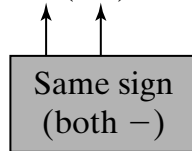
a.  $5 \cdot 7$

$$5 \cdot 7 = 35$$



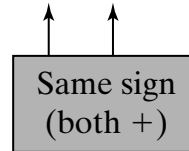
b.  $-2(-3)$

$$-2(-3) = 6$$



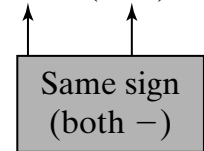
c.  $15 \div 3$

$$15 \div 3 = 5$$



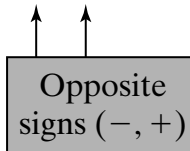
d.  $-40 \div (-10)$

$$-40 \div (-10) = 4$$



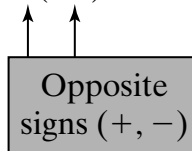
e.  $-5 \cdot 7$

$$-5 \cdot 7 = -35$$



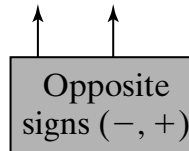
f.  $2(-3)$

$$2(-3) = -6$$



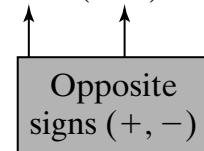
g.  $-15 \div 3$

$$-15 \div 3 = -5$$



h.  $40 \div (-10)$

$$40 \div (-10) = -4$$



**Complete the table. The first row has been done for you.**

	Same or Opposite sign?	Sign of product or quotient	Product or quotient
	Opposite	Negative	-60
1.	$-91 \div (-13)$		
2.	$6 \cdot 8$		
3.	$72 \div -9$		
4.	$-3(-6)$		
5.	$-18 \div 2$		
6.	$11 \cdot (-5)$		
7.	$52 \div 4$		
8.	$-12(6)$		