Number

Lesson 12 Assessment
Dividing Integers

Dividing Integers			
Relates multiplication and division of positive integers Make 12 using two positive factors and write the related division facts. $2 \times 6 = 12$ $12 \div 6 = 2$ $12 \div 2 = 6$ "If 2 times 6 is 12, then 12 divided by 2 is 6."	Relates multiplication and division of negative integers Make 12 using two negative factors and write the related division facts. $-2 \times (-6) = 12$ $12 \div (-6) = -2$ $12 \div (-2) = -6$ "When the two factors are negative, the quotient is negative."	Relates multiplication and division of integers with opposite signs Make –12 using two factors and write the related division facts. $2 \times (-6) = -12$ $-12 \div (-6) = 2$ $-12 \div 2 = -6$ "When the product is negative, the quotient may be positive or negative."	Generalizes and applies the rules for dividing integers $+ \div + = +$ $+ \div - = -$ $- \div + = -$ $- \div - = +$ "When the dividend and divisor have the same sign, the quotient is always positive."
Observations/Documentation			