

Use pattern to fill in the missing squares on the table on page 6.

Multiplication Tables

Essential Question: How are the division rules for integers related to the multiplication rules for integers?

Do 1 - 6 on page 7

"The product of ____ and ____ is ____ and located in region ____."

Multiplication Rules

Positive x Positive:

Negative x Positive
Positive x Negative

Negative x Negative:

Problems 10 - 17

" The product of _____ and _____ is _____,
because the product of a neg/pos and a neg/pos
is a neg/pos. "

Fact Families: pg 8

Rules for Dividing Integers

Positive / Positive:

Negative/ Positive
Positive/ Negative:

Negative/ Negative:

Solve problems 7 - 9

"The quotient of ____ and ____ is ____,
because the quotient of a pos/neg and a pos/neg
is always a _____."

Summary:

The rules for dividing integers relate to the rules for multiplying integers, because the rules are _____. In both operations a positive number and a positive number result in a _____ answer, a positive number and a negative number result in a _____ answer, and a negative number and a negative number result in a _____ answer.