



Name: _____

Math Lab #6

Distributive Property of Multiplication



Roll the dice until you get one number greater than five. Roll it again to get a second number. Use the two numbers as factors to create a multiplication sentence. Model the equation by making an array with blocks or tiles. Draw the array in the space below.

numbers rolled: ___ and ___

equation- _____

array

Now break apart one factor, write the new multiplication sentences and make new arrays to model the sentences.

equation 1-

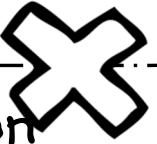
equation 2-

___ x ___ + ___ x ___ =

_____ + _____ =

arrays

Math Lab #6 Distributive Property of Multiplication



Materials: six-sided dice, 9-sided dice or similar, blocks, tiles or cubes

Goal: Students model multiplication equations with blocks or cubes. The array is broken into two smaller arrays to show the distributive property of multiplication.