

# Roll a Rectangular Array

**Materials:** dice, color tiles

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1. Roll a die twice. The first number rolled tells how many rows of color tiles to build in a rectangular array. The second number rolled tells how many color tiles to put in each row.
2. Draw and describe the rectangular array.
3. Write an equation to express the total number of color tiles as a sum of equal addends.

**Example:** You roll a 3 and a 4:



This array has 3 rows  
and 4 columns.

$$4 + 4 + 4 = 12$$

4. Continue to build, draw and describe different rectangular arrays.