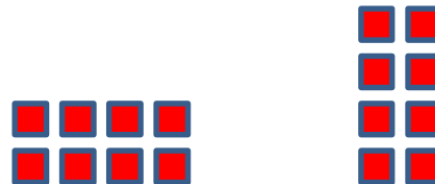


# Turn Your Array

**Materials:** color tiles or counters

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1. Choose one of the following numbers: 10, 12, 15, 18, 20, 21, or 24. Collect this number of color tiles and arrange them in equal rows.
2. Draw your array. Write a multiplication equation to represent your array.
3. Turn your array, so the rows become the columns. Draw the array and write a multiplication equation to represent the Commutative Property of Multiplication.
4. Repeat with other numbers.



If  $2 \times 4 = 8$ , then  $4 \times 2 = 8$