

Multiplication Strategies— Multipliers 6 Through 12

Name: _____

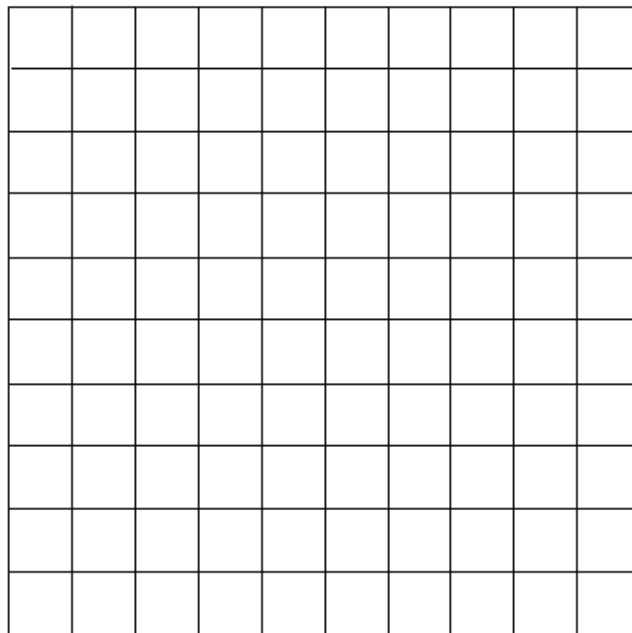
You will develop strategies for multiplying by 8 and 9.

EXPLORE

1. Open **Multiplication Strategies--Multipliers 6 Through 12.gsp**. Go to page “Array.”

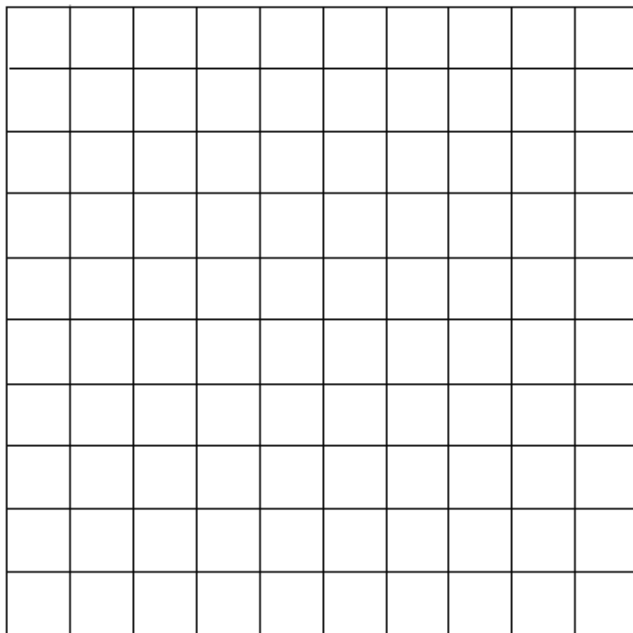
Follow these steps:

- Drag the point in the corner of the array to make the numbers of rows and columns you want.
 - Drag the point on the divider line to split the larger array into two smaller arrays.
2. Use arrays to find a strategy to help you multiply by 8. Describe your strategy below. Draw on the array to show an example.



Equation: _____

3. Use arrays to find a strategy to help you multiply by 9. Describe your strategy below. Draw on the array to show an example.



Equation: _____