

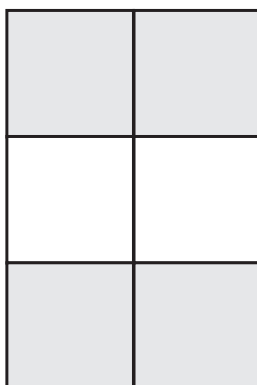
Tiles and Cubes Game Series

Event:

In this game you are given two numbers.
Use them to form a rectangle or square.
Find the total and make as many arrangements as possible
with the same total!
Good luck!

FOR EXAMPLE:

If you pick the numbers 2 and 3, then your
arrangements can look like:



Since the total number of tiles is 6, one of your new arrangements can look like:



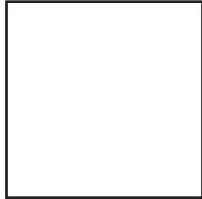
What are the rest?

**FIRST TEAM TO MAKE ALL THE ARRANGEMENTS
WINS THE ROUND!**

TEAM MEMBERS

Tiles and Cubes Game Series: Game 1

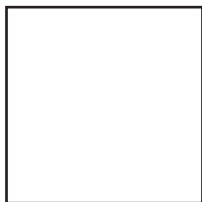
Numbers:



Total number of tiles to use: _____

Total number of arrangements: _____

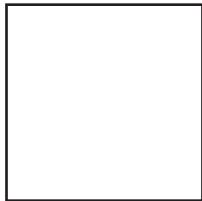
Numbers:



Total number of tiles to use: _____

Total number of arrangements: _____

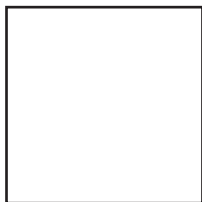
Numbers:



Total number of tiles to use: _____

Total number of arrangements: _____

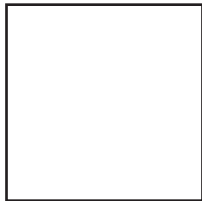
Numbers:



Total number of tiles to use: _____

Total number of arrangements: _____

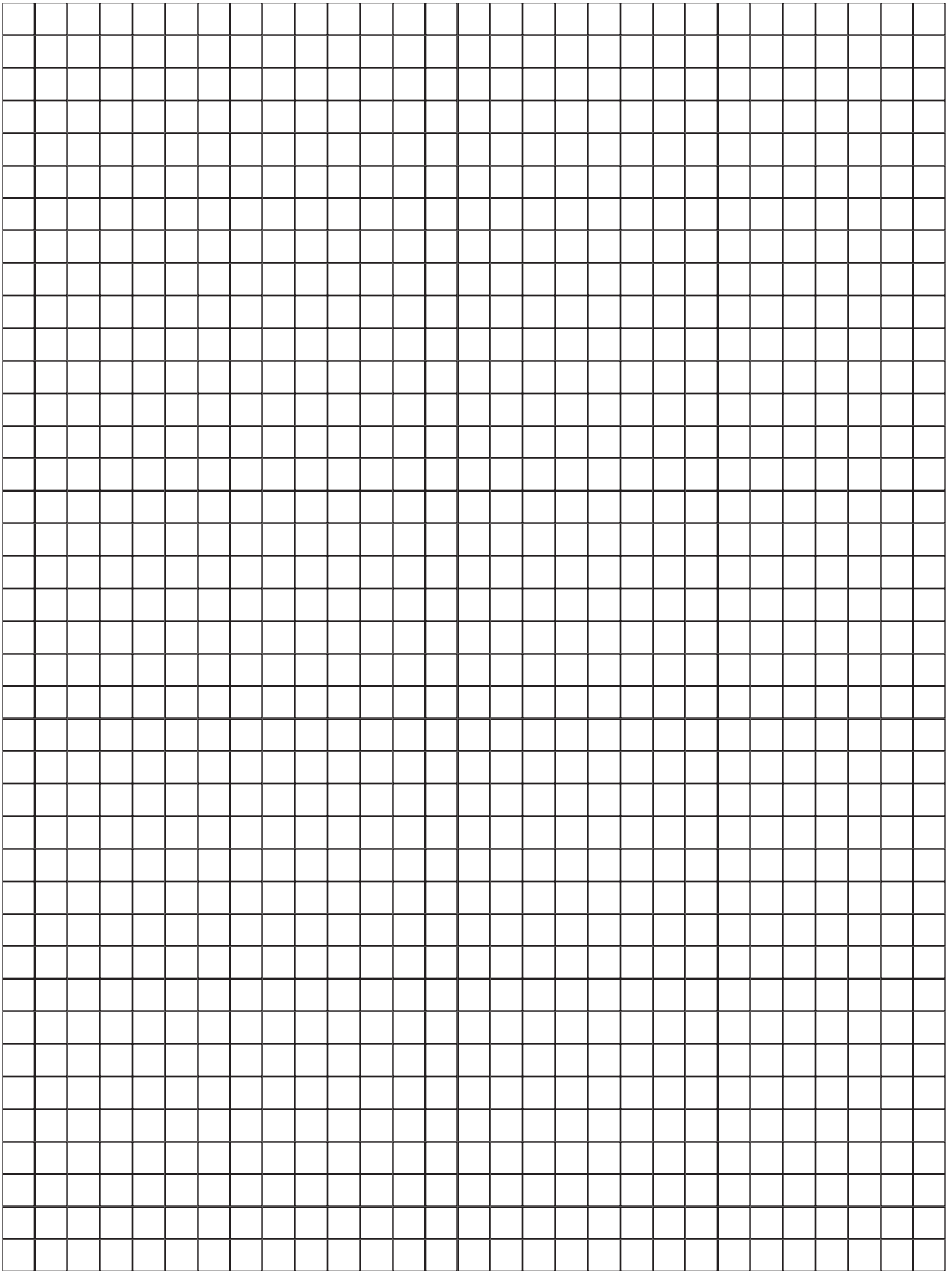
Numbers:



Total number of tiles to use: _____

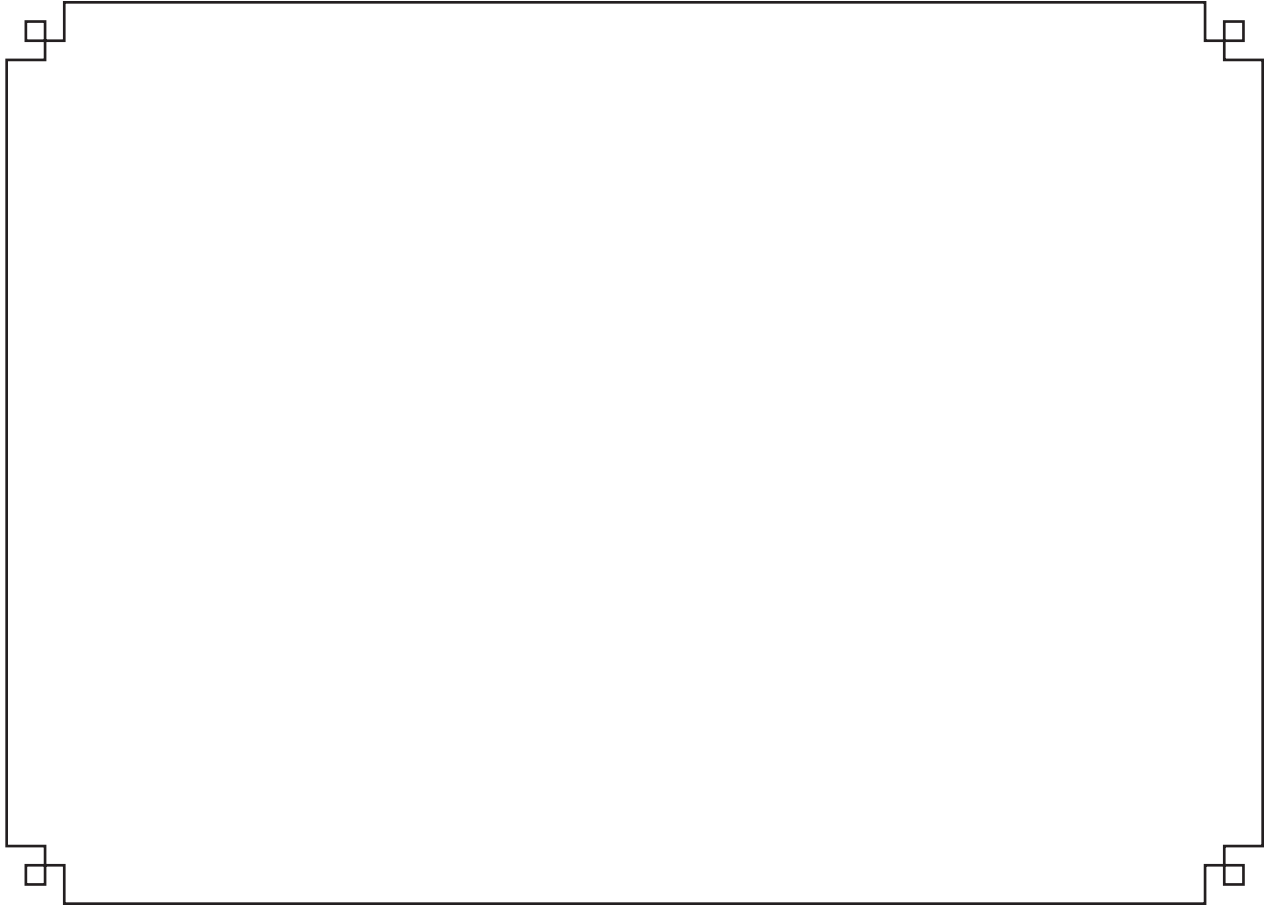
Total number of arrangements: _____

Draw your arrangements in the grid on the next page.



APPLICATION

Use traditional mathematical symbols and numbers to represent your arrangements



Can you identify the factors of your numbers?

$$\text{factor} \times \text{factor} = \text{product}$$

First Number:

Second Number:

Third Number:

REPORT OUT TO CLASS