

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## **Minecraft Towers**

If you haven't done so already, make a simple world for yourself where you can explore mathematical concepts without messing up anything you've created in your other worlds.

Make a series of towers that meet the following descriptions:

- A tower with a  $2 \times 3$  grid as a base, that's 4 layers tall.
- A tower with a  $3 \times 5$  grid as a base, that's 10 layers tall.
- A tower with a  $7 \times 10$  grid as a base, that's 5 layers tall.
- A tower with a  $10 \times 12$  grid as a base, that's 100 layers tall.

How many blocks are in each of these towers?

Do you know what people call this calculation in math?

*Show your work, and write your answer in a complete sentence.*