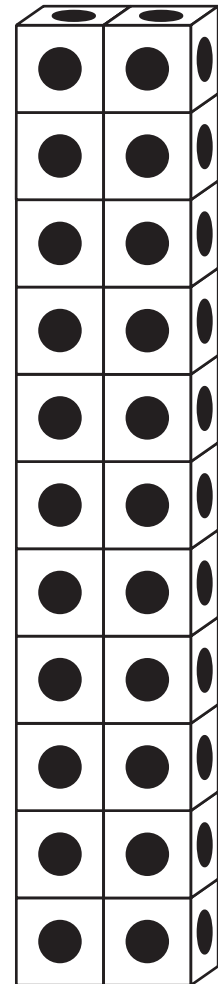# TIMS Towers

Tall Tower

Build a cube model of the Tall Tower. Use your model and the drawing to answer the questions. Include units.

1. A. How many floors are in the Tall Tower?

_____

B. How many cubes are on each floor?

_____

C. What is the volume of the Tall Tower?

_____

2. Show or tell how you grouped the cubes
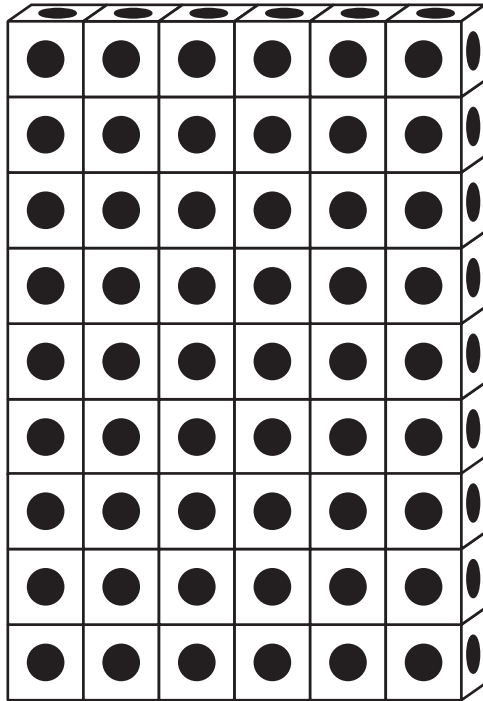to find the volume.

Tall Tower

3. Write a number sentence to show how you found the volume.

_____

Sky-High Tower

Build a cube model of Sky-High Tower. Use your model and the drawing to answer the questions. Include units.

Sky-High Tower

4. **A.** How many floors are in the Sky-High Tower?

_____

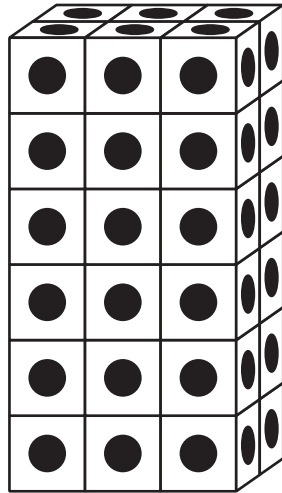**B.** How many cubes are on each floor?

_____

C. What is the volume of the Sky-High Tower?

_____

5. Show or tell how you grouped the cubes to find the volume.

6. Write a number sentence to show how you found the volume.

_____

More Towers

Build cube models of each building. Use your model to answer the questions. Include units.
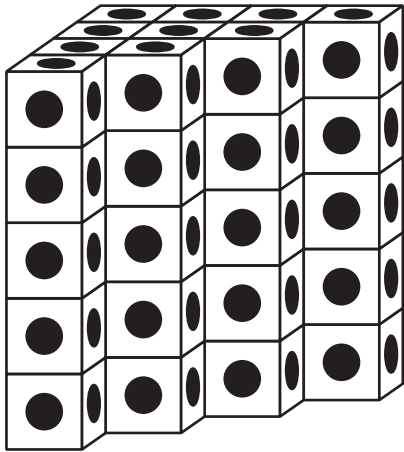
Triple Double Tower

7. A. How many floors are in the Triple Double Tower?

_____

B. How many cubes are on each floor?

_____

C. What is the volume of the Triple Double Tower?

_____

8. Show or tell how you grouped the cubes fo find the volume.

9. Write a number sentence to show how you found the volume.

_____

Sawtooth Tower

10. **A.** How many cubes are
     on each floor of the
     Sawtooth Tower?

   _____

   B. How many floors are in the
   Sawtooth Tower?

   _____

   C. What is the volume of the
   Sawtooth Tower?

   _____

11. John thinks the volume of Sawtooth Tower is 50 cubic units.
    He said he skip counted by tens. Show or tell John's strategy.