Unit 5, Lesson 1

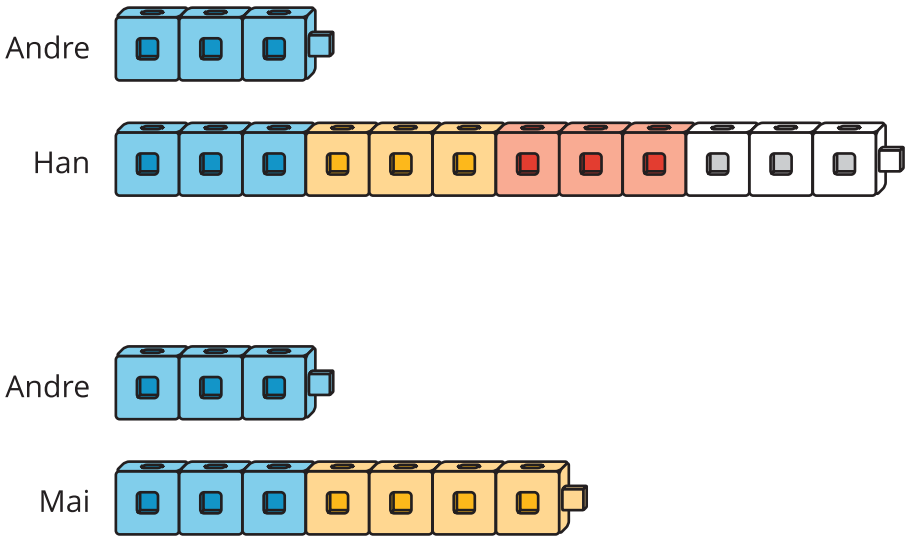
Times as Many

Let's represent "times as many" situations.

Warm-up

Notice and Wonder: Compare Cubes

What do you notice? What do you wonder?



Activity 1

Twice as Many

Andre has some cubes. Han has twice as many cubes as Andre.

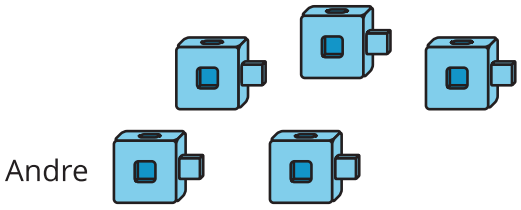
Use cubes, pictures, or other diagrams to show how many cubes Andre could have and how many cubes Han could have.

Activity 2

Times as Many

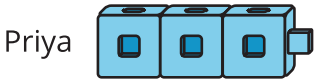
Draw a picture to show the number of cubes the students have in each situation.

1. Andre has the following cubes and Han has 4 times as many.



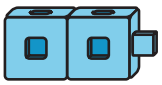
Han

2. Priya has the following cubes and Jada has 6 times as many.



Jada

3. Tyler has the following cubes and Mai has 8 times as many.

Tyler 

Mai

4. What number represents “8 times as many as 2”? Show your reasoning.

Activity 3

Make n Times as Many

Work with a partner on this activity.

1. Partner A: Create a set, using 2–6 connecting cubes, and show it to Partner B.

   Partner B: Roll a number cube. Let's call the number rolled n.

2. Partner A: Use connecting cubes or a diagram to show n times as many as the original set of cubes. Show your reasoning.

   Partner B: Check your partner's work and discuss any disagreements.

3. Switch roles and repeat.