## Lesson 2: Interpret Representations of Multiplicative Comparison

* Let’s make sense of representations of problems with “times as many.”

### Warm-up: How Many Do You See: Times as Many

How many do you see? How do you see them?







### 2.1: Represent “Times as Many”



1. Jada has 4 times as many cubes as Kiran. Draw a diagram to represent the situation.
2. Diego has 5 times as many cubes as Kiran. Draw a diagram to represent the situation.
3. Lin has 6 times as many cubes as Kiran. How many cubes does Lin have? Explain or show your reasoning.

### 2.2: Diagrams to Solve Multiplicative Comparison Problems

Here are four sets of descriptions, diagrams, and equations that compare pairs of quantities.

Match each description to a diagram and an equation that represent the same situation. Be prepared to explain your reasoning.



Record your matches here:

Set 1: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Set 2: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Set 3: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Set 4: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



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