

Name _____

Model Place-Value Relationships

I Can describe the value of a digit.

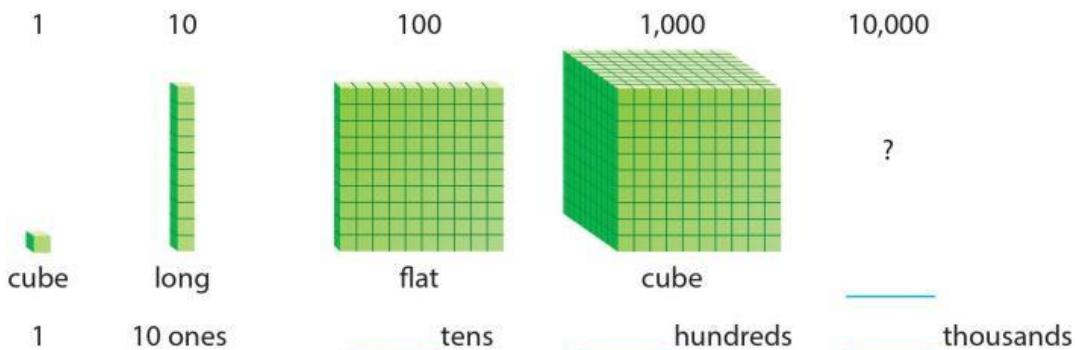


UNLOCK the Problem



Activity Build numbers through 10,000.

Materials base-ten blocks



A small cube represents 1.

_____ small cubes make a long. The long represents _____.

_____ longs make a flat. The flat represents _____.

_____ flats make a large cube. The large cube represents _____.

1. Describe a pattern in the shapes of the models. What will be the shape of the model for 10,000?



Use appropriate tools strategically.

What other type of base-ten block could you use to model 100,000?

2. Describe a pattern you see in the sizes of the models. How will the size of the model for 100,000 compare to the size of the model for 10,000?