Name _____

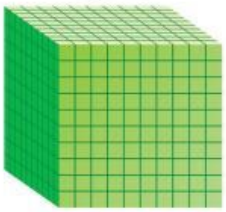
Model Place-Value Relationships

I Can describe the value of a digit.

UNLOCK the Problem Real World

Activity Build numbers through 10,000.

Materials ■ base-ten blocks

1	10	100	1,000	10,000
				?
cube	long	flat	cube	_____
1	10 ones	_____ tens	_____ hundreds	_____ thousands

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?

_____

_____

_____

Math Talk

MP 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?

_____

_____

_____

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