## Lesson 15: Build and Count with Solid Shapes

* Let’s build with and count solid shapes.

### Warm-up: Estimation Exploration: How Many Cubes?

1. Record an estimate that is:

| * too low | * about right | * too high |
| --- | --- | --- |
|  |  |  |

1. Record an estimate that is:

| * too low | * about right | * too high |
| --- | --- | --- |
|  |  |  |

### 15.1: A Tall Tower

How many solid shapes did you use in your tower?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### 15.2: What Can You Make With These Shapes?

1. 5 cubes

* 
* 4 cylinders
* 
* 6 cones
* 
* How many shapes did you use all together?
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 3 cones

* 
* 4 cubes
* 
* 5 cylinders
* 
* How many shapes did you use all together?
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### 15.3: Centers: Choice Time

Choose a center.

Build Shapes



Geoblocks



Counting Collections



Match Mine



Shake and Spill





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