## Lesson 23: Two-Digit Numbers in Our World

* Let's estimate how many objects are in a group.

### Warm-up: Estimation Exploration: Beans

How many beans are there?



Record an estimate that is:

| too low | about right | too high |
| --- | --- | --- |
| $$ | $$ | $$ |

### 23.1: Count the Objects

Experiment 1: How many objects are in 2 handfuls?
Record an estimate that is:

| too low | about right | too high |
| --- | --- | --- |
| $$ | $$ | $$ |

Now find the exact number. \_\_\_\_\_\_\_\_\_\_\_\_

Experiment 2: How many objects are in 2 handfuls?
Record an estimate that is:

| too low | about right | too high |
| --- | --- | --- |
| $$ | $$ | $$ |

Now find the exact number. \_\_\_\_\_\_\_\_\_\_\_\_

Experiment 3: How many objects are in 2 handfuls?
Record an estimate that is:

| too low | about right | too high |
| --- | --- | --- |
| $$ | $$ | $$ |

Now find the exact number. \_\_\_\_\_\_\_\_\_\_\_\_

### 23.2: Quantities Card Sort

1. Estimate and sort the pictures based on the amount of items you see.
Sort into these groups.
	1. Less than 20
	2. 20 to 50
	3. More than 50
2. Select 1 picture from each group.
Show the number of items you think are in the picture in as many ways as you can.
* Less than 20
* 20 to 50
* More than 50



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