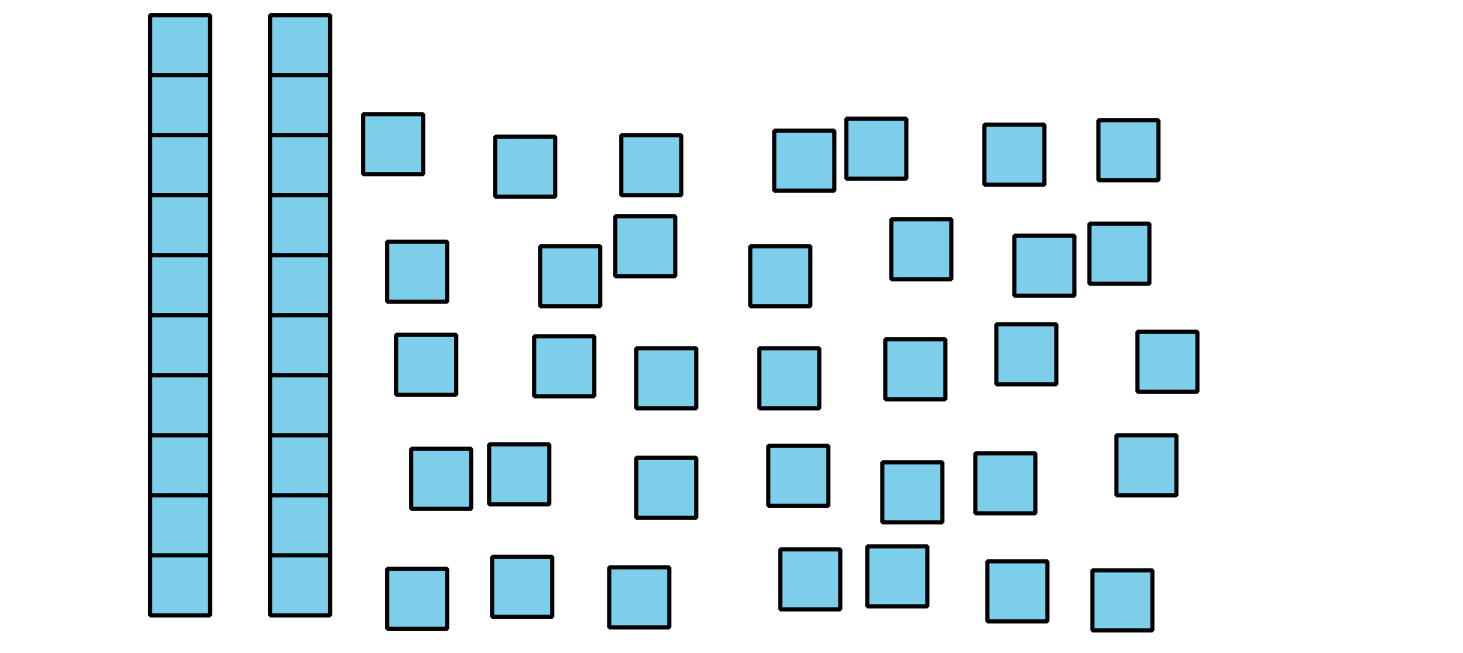
## Lesson 8: Different Representations of Tens and Ones

* Let’s think about how two-digit numbers can be shown.

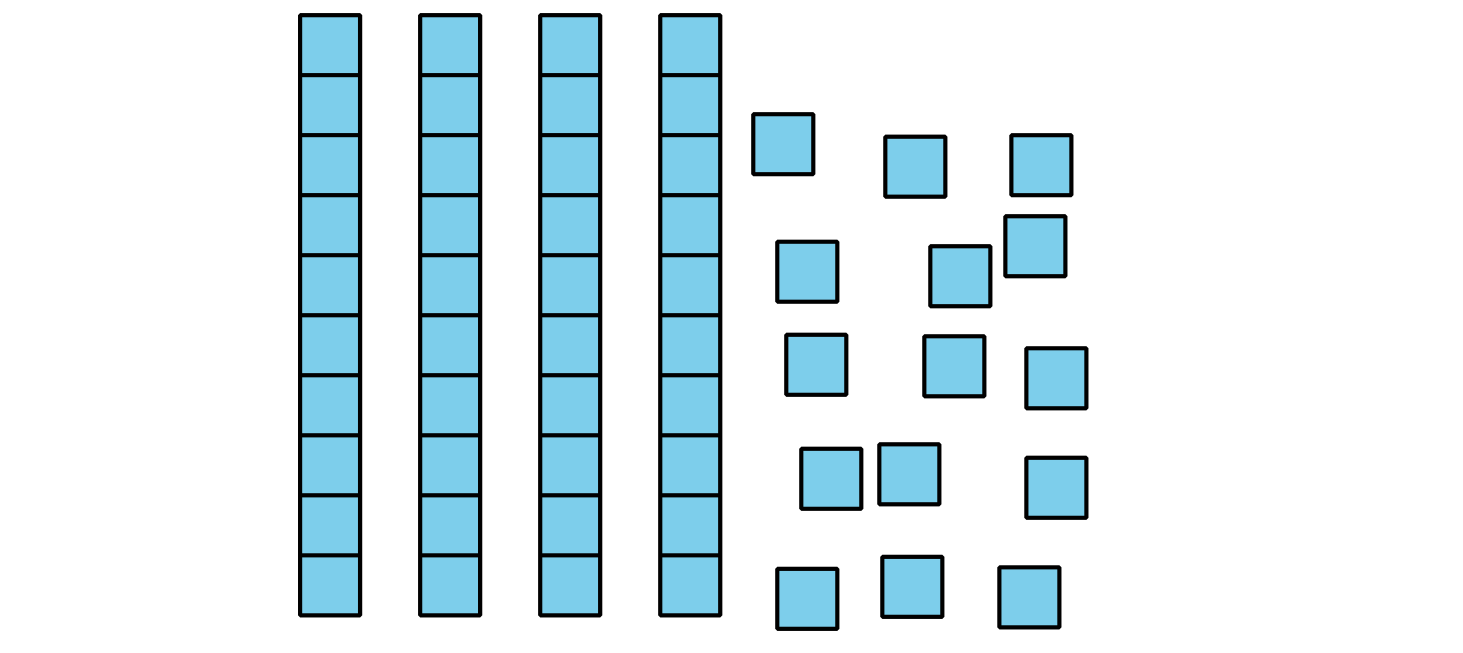
### Warm-up: Estimation Exploration: How Many?

1. How many do you see?

* 
* Record an estimate that is:

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

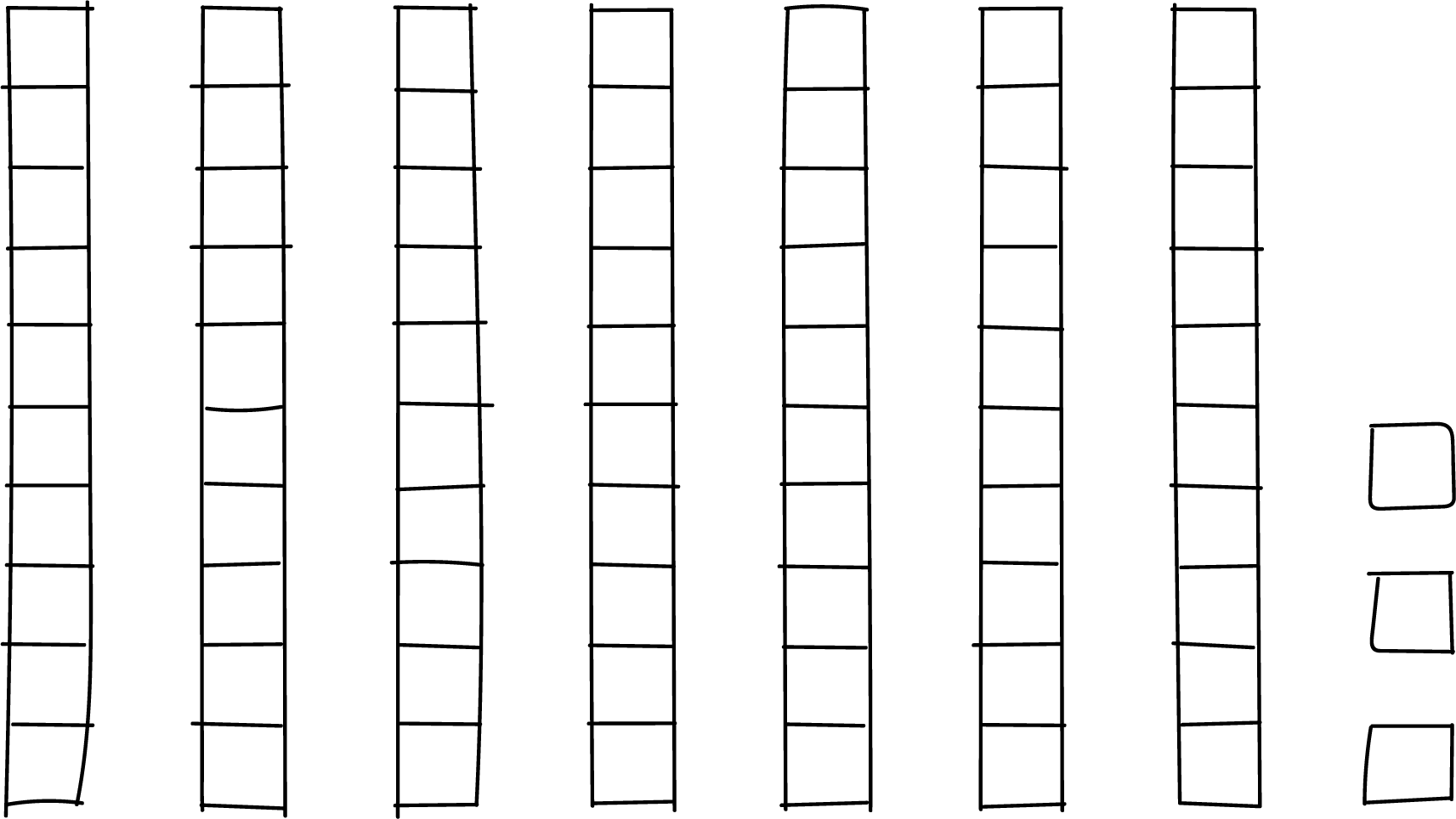
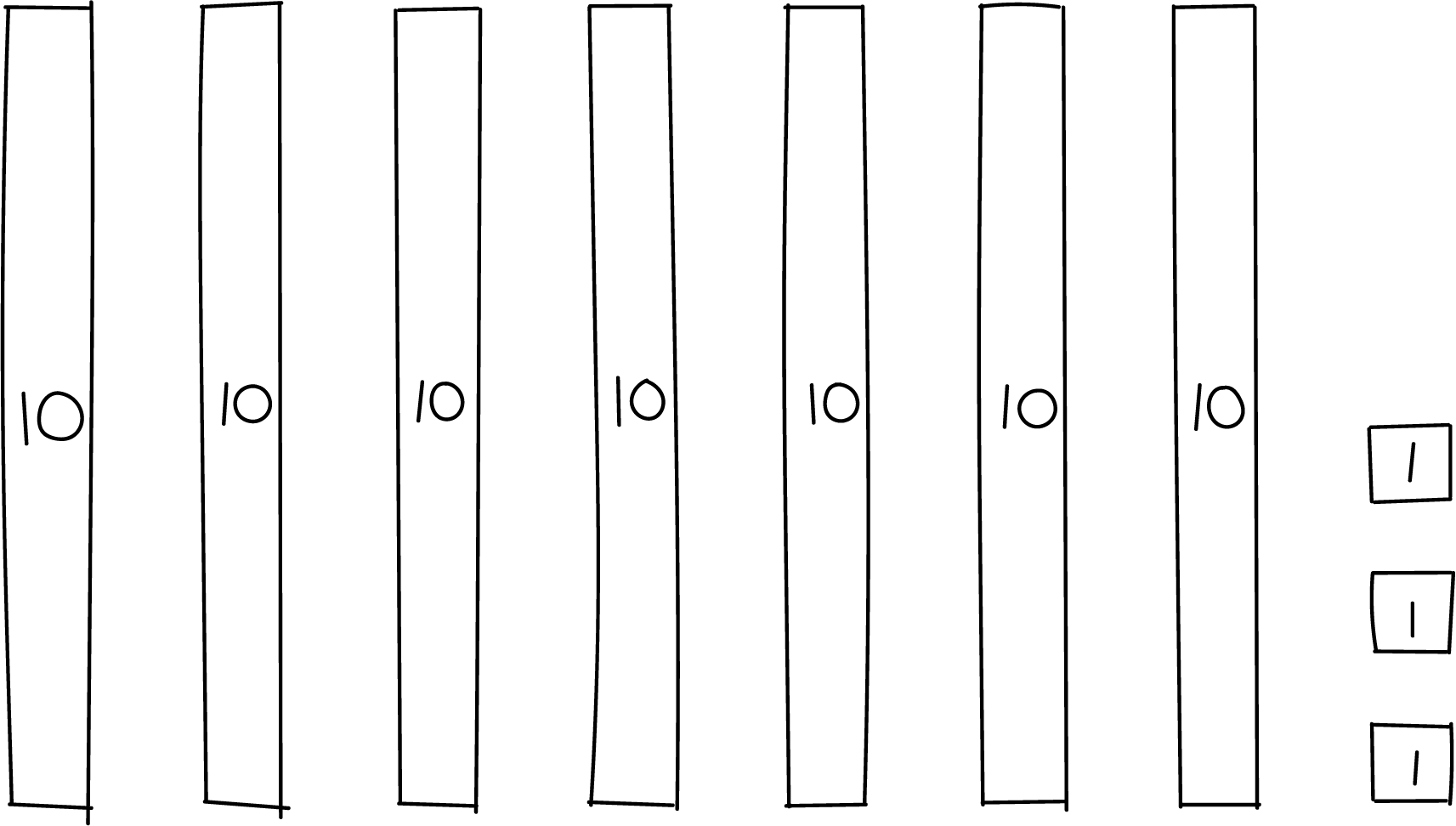
1. How many do you see?

* 
* Record an estimate that is:

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

### 8.1: Compare Representations of a Collection

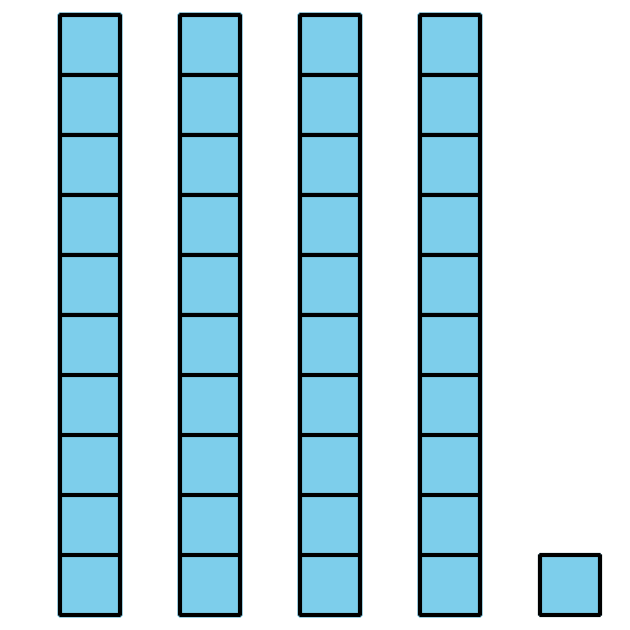
Each student counted and showed a collection.

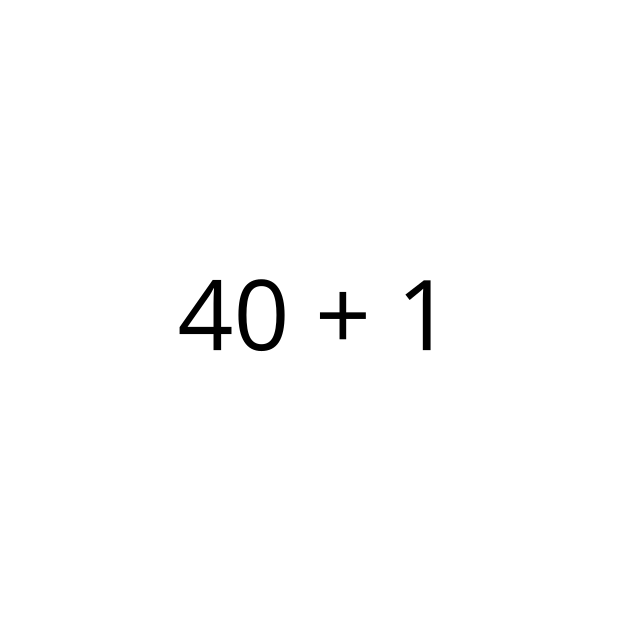
* Clare drew
* 
* Han drew
* 
* Kiran wrote 3 ones and 7 tens.
* Priya wrote .

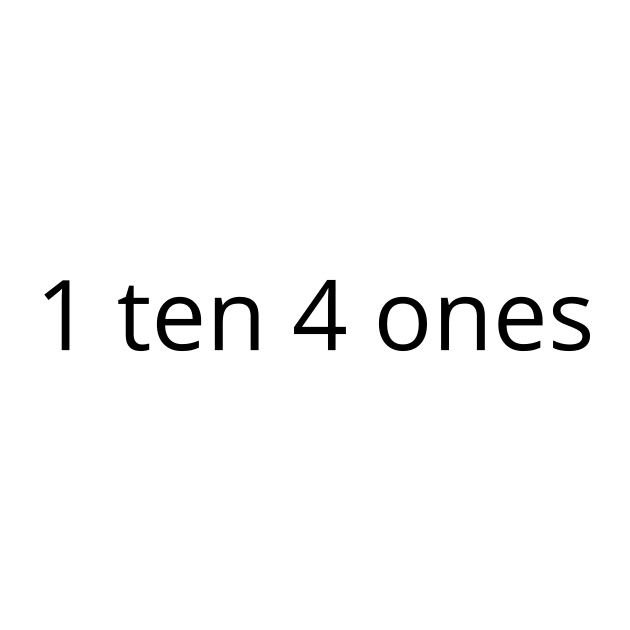
Did the students count the same number of objects?  
How do you know?  
Show your thinking using drawings, numbers, or words.

### 8.2: Card Sort: Base-ten Representations

Your teacher will give you a set of cards that show different representations of a two-digit number. Find the cards that match. Be ready to explain your reasoning.









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