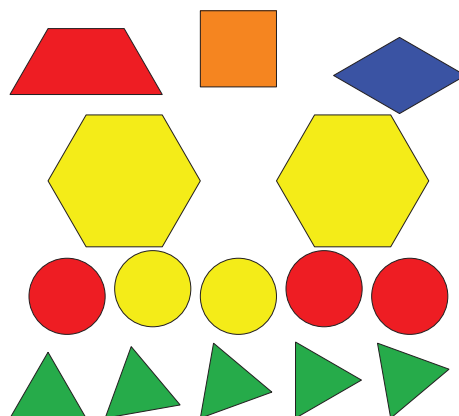


## Section B: Practice Problems

1. Here are some objects.



a. What are 2 categories you can use to sort these objects?

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b. What are 2 different categories you can use to sort these objects?

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(From Unit 1, Lesson 7.)

2. Here are some objects.



a. Show how you could sort the balls into categories.

b. How many balls are in each category?

category 1: \_\_\_\_\_

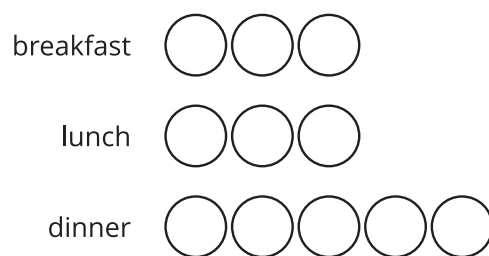
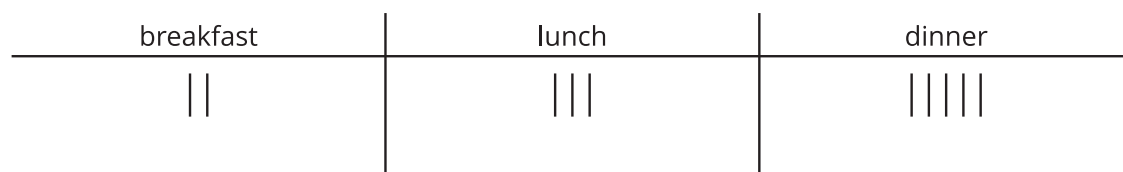
category 2: \_\_\_\_\_

category 3: \_\_\_\_\_

(From Unit 1, Lesson 8.)

3. How are these representations the same?

How are they different?



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(From Unit 1, Lesson 9.)

#### 4. **Exploration**

Gather data from the classroom or home.

Sort your data into categories.

Show how you sorted the data on paper.

## 5. Exploration

There are 15 pattern blocks in a bag.

There are squares, triangles, and hexagons.

The chart shows how many squares are in the bag.

Pattern Blocks in Bag		
squares	triangles	hexagons
7	?	?

How many triangles could be in the bag?

How many hexagons could be in the bag?

Find as many solutions as you can.