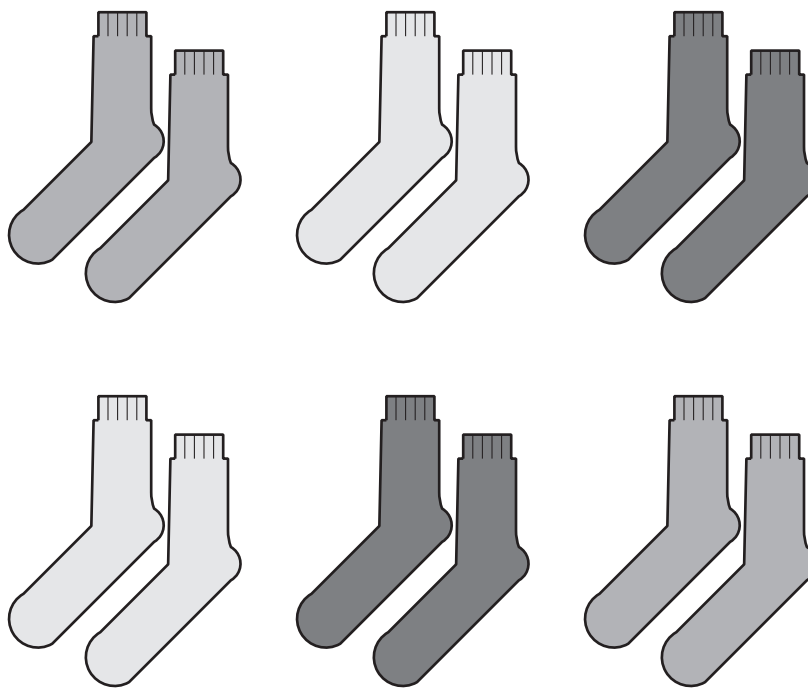


Lesson 10: Drawings, Situations, and Diagrams, Oh My!

- Let's represent equal groups.

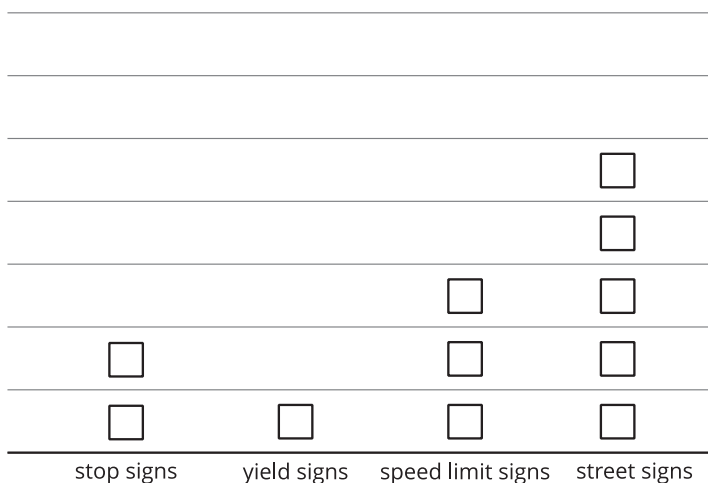
Warm-up: Notice and Wonder: Socks

What do you notice? What do you wonder?



10.1: Scaled Picture Graph to Diagram

Signs I Saw on the Way Home



Each □ represents 2 signs.

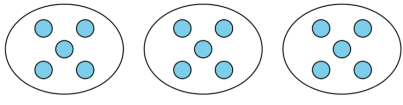
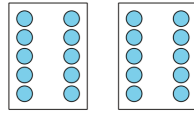
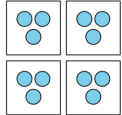
2	2	2
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- How does the diagram show the speed limit signs that Elena saw on the way home?

- Represent the data from another category in the graph with your own drawing or diagram.

10.2: Card Sort: Equal Groups

1. Your teacher will give you a set of cards that show drawings, situations, and diagrams. Find the cards that match. Be ready to explain your reasoning.

A There are 3 bags. Each bag has 5 footballs in it.	B Han has 4 boxes. Each box has 3 toy cars.				
C <table border="1" data-bbox="383 766 758 808"> <tr> <td>2</td> <td>2</td> <td>2</td> </tr> </table>	2	2	2	D There are 2 boxes. Each box has 10 doughnuts.	
2	2	2			
E <table border="1" data-bbox="383 997 758 1039"> <tr> <td>10</td> <td>10</td> <td>10</td> </tr> </table>	10	10	10	F 	
10	10	10			
G 	H <table border="1" data-bbox="885 1228 1260 1270"> <tr> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> </table>	3	3	3	3
3	3	3	3		
I 	J Elena has 3 bins. Each bin has 10 ice cubes.				
K 	L <table border="1" data-bbox="885 1690 1260 1732"> <tr> <td>5</td> <td>5</td> <td>5</td> </tr> </table>	5	5	5	
5	5	5			

2. Create a drawing or diagram for each situation.

a. There are 4 bags. Each bag has 2 strawberries.

b. There are 4 hands. Each hand has 5 fingers.