

















Making Graphs with Objects and Pictures

NCTM Standards 1, 5, 6, 7, 8, 9, 10



















Kylie sorts her buttons by shape.

- There are  circle buttons.
- There are more _____ buttons than circle buttons.
- There are fewer _____ buttons than star buttons.
- There are _____ buttons in the graph.

Kylie's Buttons						
						
						
						
						

Jim sorts blocks by size and shape.

- There are _____ small triangles.
- There are more _____ than _____.
- There are fewer _____ than any other kind of block.
- There are _____ blocks in the graph.

Shape Blocks					
					
					
					
					
					



NOTE: Your child is learning to sort objects and to represent data in graphs. Ask your child how many small triangles there are in the picture graph above.


9. Use the clues to color the graph.

Bouncy Balls			
○			
○			
○			○
○	○		○
○	○		○
○	○	○	○
○	○	○	○
○	○	○	○

Clues
There are 8 green balls.
There are 3 red balls.
There are more blue balls than yellow .

Each column in the graph shows one color.



 10. How did you know which circles to color blue and which to color yellow?

Challenge

II. Use the graph above to complete the sentence.

There are 2 more _____ balls

than _____ balls.