

## The Straws Have It!

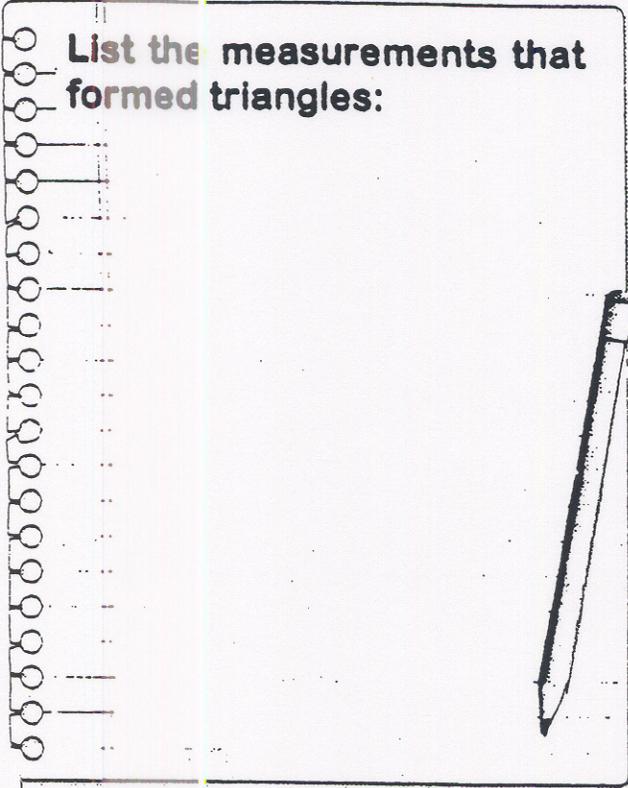
### Preparation:

- You need to cut 3 one-inch straws, 3 two-inch straws, 3 three-inch straws, 3 four-inch straws, 3 five-inch straws, and 3 six-inch straws for each set
- Include either three dice or one die to be rolled three times for each triangle
- You can include pipe cleaner for connectors, if you'd like
- Use groups of two (make sure you have enough "kits")
- Keep a few spares of each size available

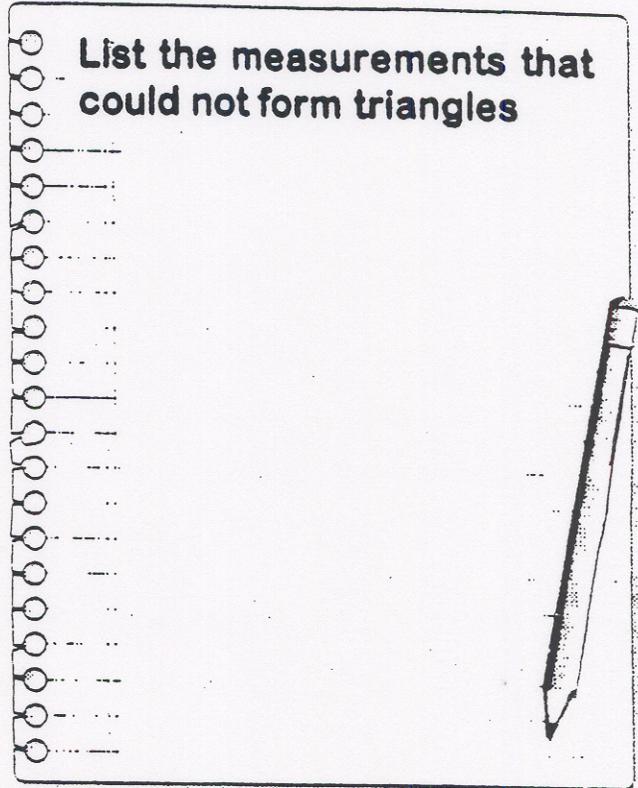


# Writing: The Straws Have It!

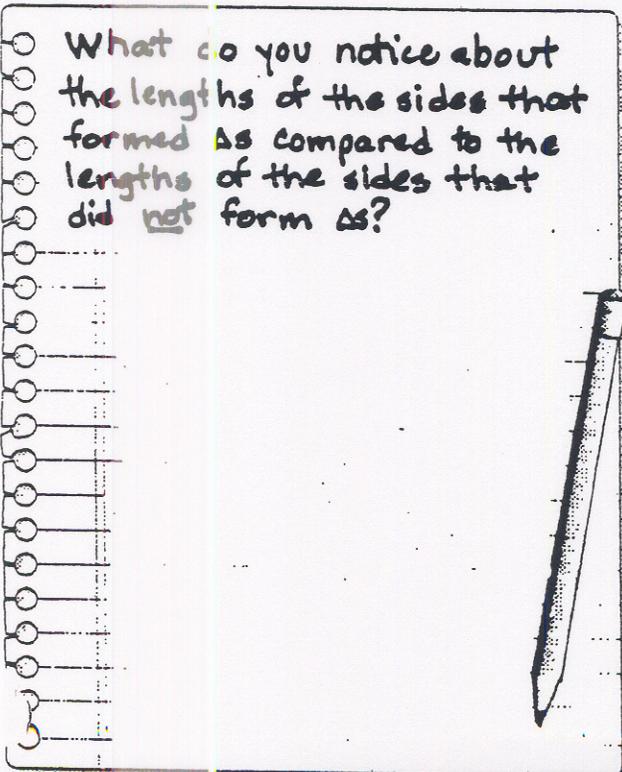
List the measurements that formed triangles:



List the measurements that could not form triangles



What do you notice about the lengths of the sides that formed  $\Delta$ s compared to the lengths of the sides that did not form  $\Delta$ s?



Write what might have been the **BIG IDEA** of this experience.

