

# Balancing One at a Time

## You will need:

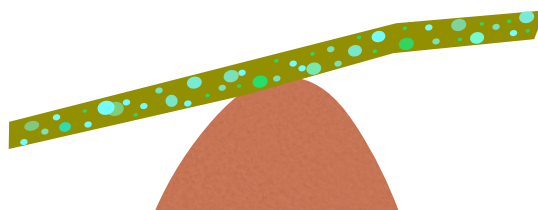
- Several pairs of identical objects: For example - identical paper clips, identical toy animals, identical spoons, etc. If using this activity with children three years or younger, please make sure the objects do not pose a choking hazard.
- A homemade scale or a pan balance scale

## What to Do:

Encourage children to play with the scale and investigate its function. Ask them where they have seen a scale before - for example in the grocery store or at the doctor's office.

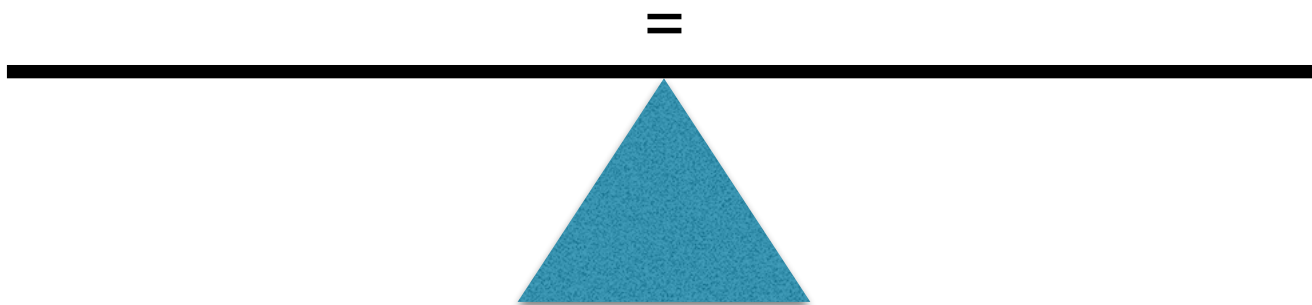
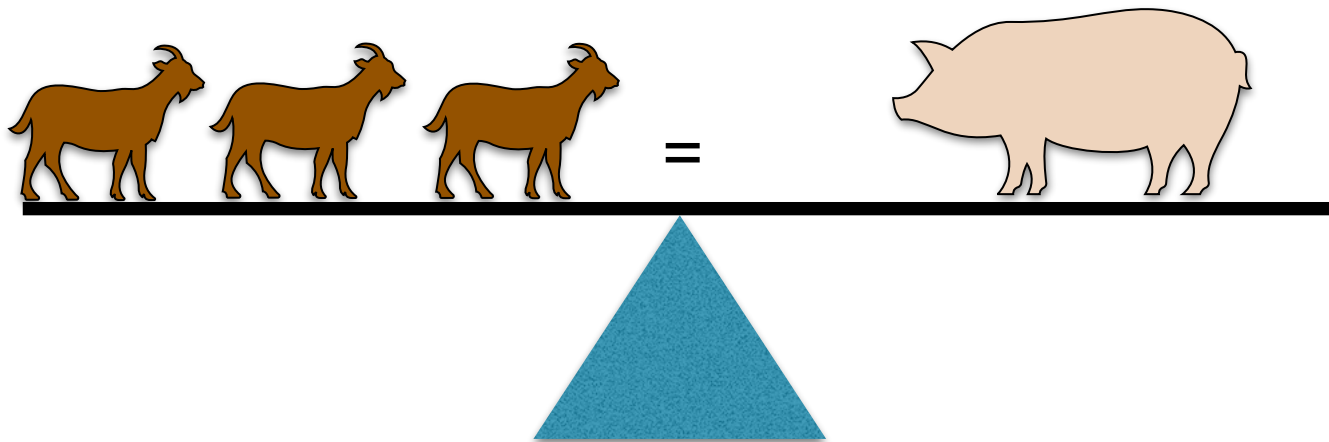
## Investigate and Record your Observations:

- The scale should balance when empty. ( $0 = 0$ ).
- What happens when you put a paper clip on one side of the scale? Then what happens when you put another paper clip on the other side?
- What happens when there are 3 paper clips on one side and 1 on the other? How many paper clips will you need to add to balance the scale?
- What happens when there are 10 paper clips on one side and 3 on the other? Does the scale balance? What do you need to do to balance the scale?

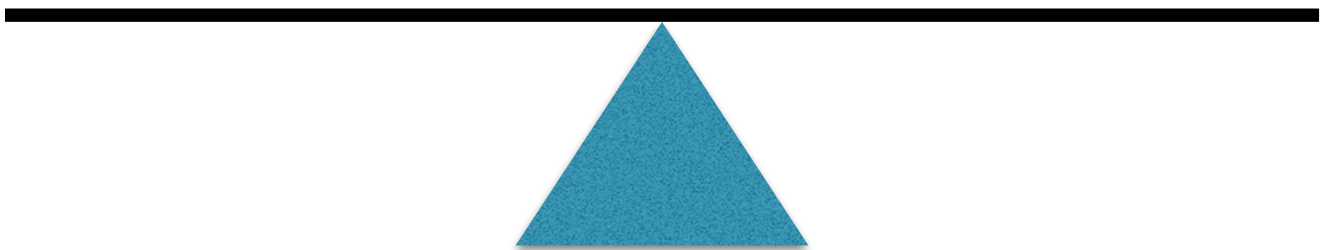
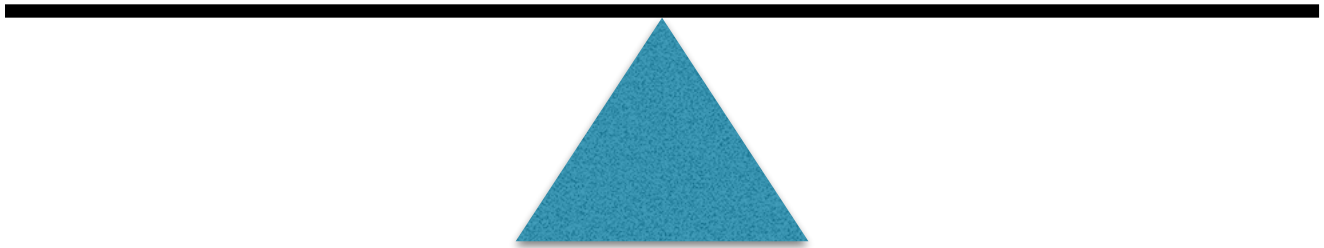


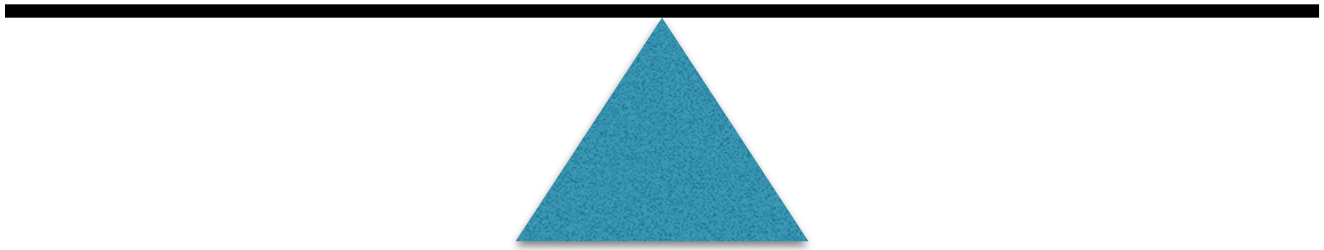
# Balancing One at a Time

Record your observations here by drawing a picture of your results.



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