MATHPACKS
integrating math and science learning

Name _____

A Hunt for Ratios

Directions:

Quietly move around the classroom to find the objects that meet the description of the problems given below. How do you know when you have chosen a correct-sized object? (Hint: How many lengths of the smaller object does it take to make the length of the larger object?) Write the object on the line provided.

1. Find an object that is 2 times longer than your leg. _____
2. Find something that is 3 times longer than your thumb. _____
3. Find an object that has 2 times the circumference of your arm. _____
4. Find something that is 1/2 as wide as a piece of paper. _____
5. Find an object that is 5 times longer than your pencil. _____
6. Find an object that is 10 times longer than your foot. _____

Tricky tasks:

7. Find an object that is 1 time longer than your hand. _____
8. Find an object that is 4.5 times longer than your pinkie. _____
9. Find something that is 1/4 as long as your arm. _____
10. Find an object that has 1/2 the circumference of your head. _____
11. Find an object that is as big as you. _____

So what is a ratio?

It's simply a comparison of two quantities with like units. Ratios can also be expressed with fractions, decimals, percents, or words. They can also be written with a colon between the two numbers being compared.