

Numerator, Denominator, and Unit Practice

Tuesday 12/16/08

Name:
Homeroom:
Mr. Z.'s Science Class
12/16/08

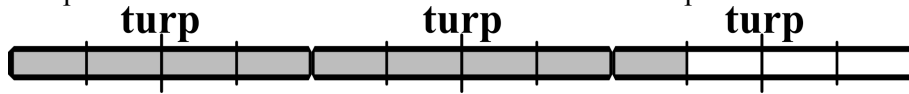
Identifying Numerator, Denominator, and Unit

Every fractional measurement needs to contain three pieces of information:

- The **denominator** tells me the name of the parts being used.
- The **numerator** tells me how many of those pieces are filled.
- The **unit** is whatever was broken up to make those pieces.

So, for example, if I say "three fourths of a cup," then I have three pieces, where each is a fourth part made from a cup. So, "three" is the numerator, "fourths" is the denominator, and "cup" is the unit.

1. The picture below shows some fractional number of turps.



- a) What is the...

Unit?

Numerator?

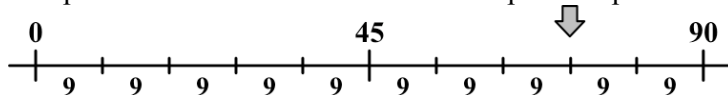
Denominator?

- b) How would I write this measurement in words?

- c) How would I write this measurement in math?

- d) How would I write, in math, that this amount is the same as three gorfs?

2. The picture below shows a number line split into pieces.



- a) What is the...

Unit?

Numerator?

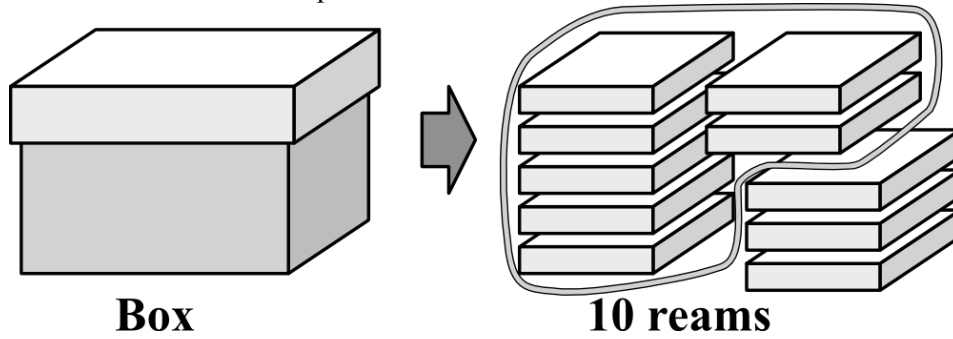
Denominator?

- b) How would I write this measurement in words?

- c) How would I write this measurement in math?

- d) How would I write, in math, that this amount is seventy two?

3. A box of paper contains ten reams. I used up seven reams. I want to write that as a fraction of a box.



a) What is the...
Unit?

Numerator?

Denominator?

b) How would I write this measurement in words?

c) How would I write this measurement in math?

d) How would I write, in math, that this amount is three thousand, five hundred pages?

Fractions on a Number Line

4. Below, draw me a number line to find out: **What is three fifths of twenty?**

5. Below, draw me a number line to find out: $\frac{5}{3} \times 60 = ?$

6. Below, draw me a number line to find out: **What is seven halves of sixteen?**