

Unit, Denominator, and Part Practice

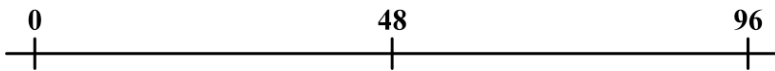
Wednesday 12/3/08

Words and math

1. Translate into math: "A gill is half of a cup"
2. Translate into words: " $8 = \frac{1}{9} \cdot 72$ "
3. Translate into math: "A quarter of a cup is four tablespoons"
4. Translate into words: " $\frac{1}{5}$ minute = 12 seconds"
5. Translate into math: "A sixteenth of a gallon is a half of a pint"
6. Translate into words: " $\frac{1}{6}$ gorb = $\frac{1}{2}$ pung"

Splitting into parts

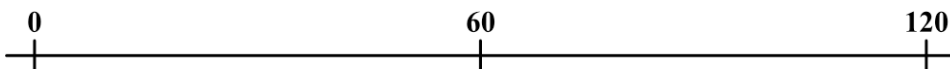
7. Split up the number line below to show **thirds of forty eight**.



8. Split up the bar below into pieces that are each $\frac{1}{4}$ turp.



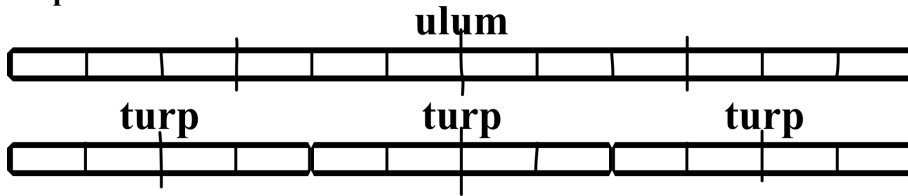
9. What part of 60 is 12? Draw a picture to show that.



Name:
Homeroom:
Mr. Z.'s Science Class
12/3/08

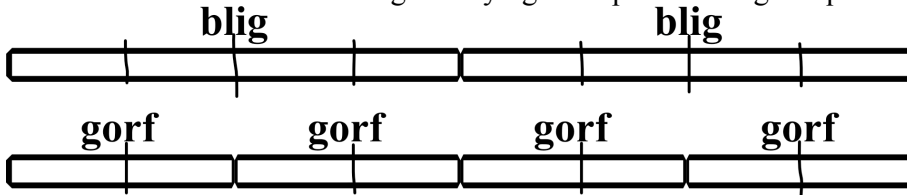
Equivalence of parts

In each of these problems, I started with two sets of different units. I broke each into a different number of parts, so that the **parts** of both units are the same size.

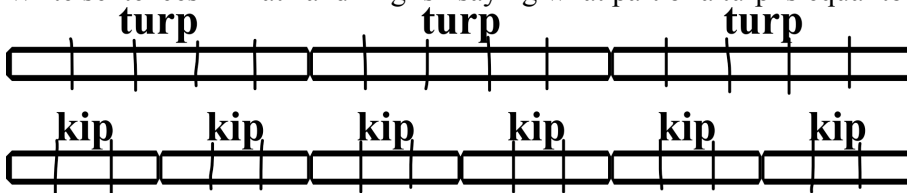


You will be asked to write, in both math and English sentences, what part of one unit is equal to what part of the other. So, for example, looking at the picture above, I could say that "**Twelfths of a ulum are the same size as fourths of a turp.**" In math, I would write " $\frac{1}{12}$ ulum = $\frac{1}{4}$ turp."

10. Write sentences in math and English saying what part of a blig is equal to what part of a gorf.



11. Write sentences in math and English saying what part of a turp is equal to what part of a kip.



12. Write sentences in math and English saying what parts of gorfs, bligs, and turps are the same size.

