

Conversion with Fractions

Tuesday 11/25/08

Name:
Homeroom:
Mr. Z.'s Science Class
11/25/08

Do-now: Math, words, and drawings

Each problem below gives a mixed number in one of the three forms we have learned about: in numbers and math symbols, in words, or as a picture. For each, fill in the other two forms to match. The word description should always go next to the problem number, and the math form should go to the right of the picture.

1. One and nine fourths of a gorf.



2. **zib** **zib** **zib** **zib** **zib** $2\frac{11}{8}$ zib
-

3. **turp** **turp** **turp**
-

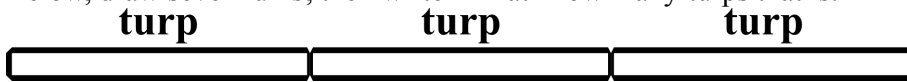
Units as fractions of each other

A korr is half a turp. A lum is a third of a korr. A mott is a half of a lum.

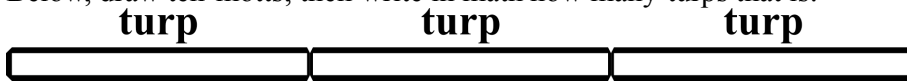
4. Below, draw five korr, then write in math how many turps that is.



5. Below, draw seven lums, then write in math how many turps that is.



6. Below, draw ten motts, then write in math how many turps that is.



7. Below, draw three and a half korr, then write in math how many turps that is.



Combinations of fractional units

Using the rules below...

$$1 \text{ turp} = 3 \text{ poms}$$

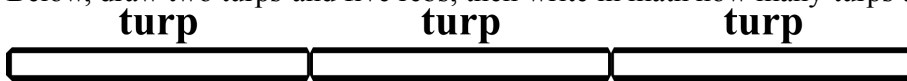
$$1 \text{ pom} = 3 \text{ rebs}$$

$$1 \text{ pom} = 4 \text{ tads}$$

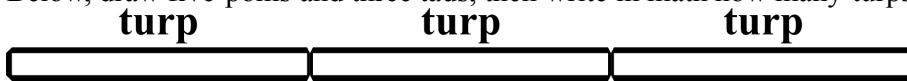
8. Below, draw one turp and four poms, then write in math how many turps that is.



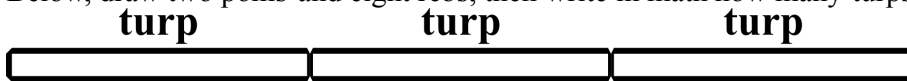
9. Below, draw two turps and five rebs, then write in math how many turps that is.



10. Below, draw five poms and three tads, then write in math how many turps that is.



11. Below, draw two poms and eight rebs, then write in math how many turps that is.

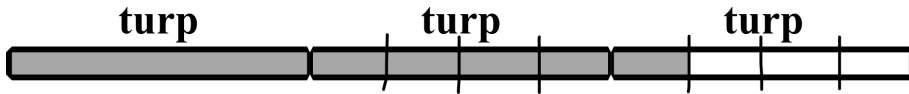


12. Which of the units in these two sections were the same size as each other?

Conversion with Fractions Homework

In this homework, I will introduce some new units that are fractions of a turp, and ask you to draw and convert with them.

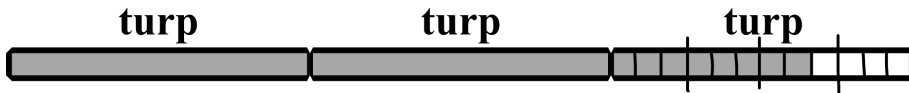
1. The picture below shows a turp and five bribs. Fill in the conversion rule: _____ turps = _____ bribs



2. Below, draw two turps and a brib, and write that as a mixed number of turps.



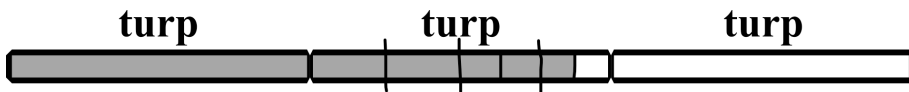
3. The picture below shows two turps and eight saffs. Fill in the conversion rule: _____ bribs = _____ saffs



4. Below, draw a turp and two saffs, and write that measurement as a mixed number of turps.



5. The picture below shows a turp, two bribs, and three thrads. Fill in the conversion rule: _____ bribs = _____ thrads



6. How would you write the measurement in the previous problem as a mixed number?
(Hint: Break the whole fraction part down into thrads)

7. Below, draw a turp, three bribs, and five thrads, and write that measurement as a mixed number of turps.



8. Below, draw two turps, a brib, and two saffs, and write that measurement as a mixed number of turps.
(Hint: Once you have drawn it, break the fraction part all into saffs)

