

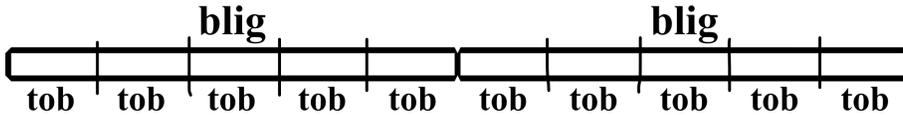
Unit, Denominator, and Part

Wednesday 12/3/08

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

Do-now: Review of definitions

1. The thing being split up into parts is called the _____.
2. The number that says how many parts each is split into is called the _____.
3. In the picture below...



a) What is being split up into parts?
(This is the **unit**)

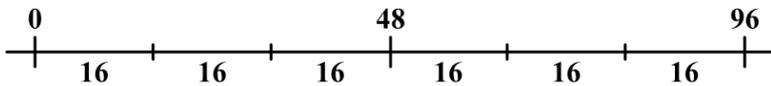
b) How many parts is each unit split into?
(This is the **denominator**)

c) What are the parts called?

d) In English: A _____ of a _____ is a _____.

e) In math symbols: $\frac{1}{5}$ = _____

4. In the picture below...



a) What is being split up into parts?
(This is the **unit**)

b) How many parts is each unit split into?
(This is the **denominator**)

c) What are the parts called?

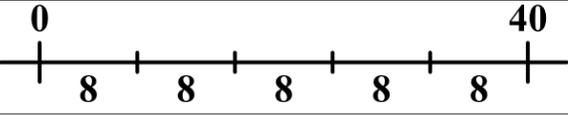
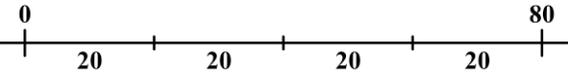
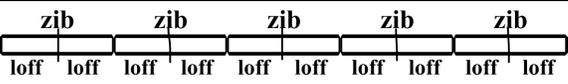
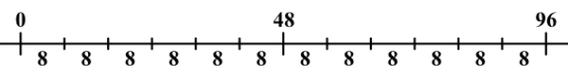
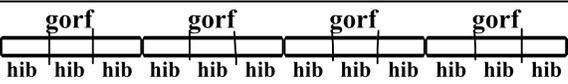
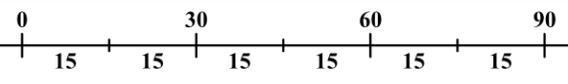
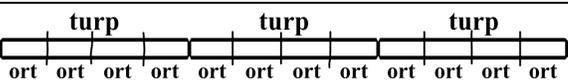
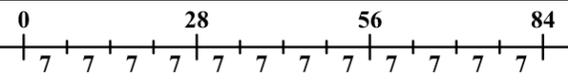
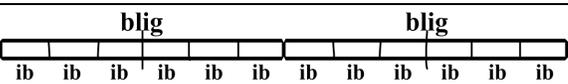
d) In English: A _____ of _____ is _____.

e) In math symbols: $\frac{1}{4}$ = _____

Writing fractional part relationships in math

For each line of this table, figure out what is the unit, the denominator, and the part, and then write in math the relationship shown by the picture or English sentence. Remember, to figure out which is which, you can ask yourself...

- (to find the unit) What thing was broken into pieces?
- (to find the denominator) How many pieces was each unit broken into?
- (to find the part) What is each piece called?

Example	Unit	Denom.	Part	$\frac{1}{\text{denom. unit}} = \text{part}$
A quarter of a gallon is a quart.	gallon	4	quart	$\frac{1}{4} \text{ gallon} = \text{quart}$
	40	5	8	$\frac{1}{5} \cdot 40 = 8$
	turp	3	korr	$\frac{1}{3} \text{ turp} = \text{korr}$
Nine is one fifth of forty five.				
				
				
I can break up a yard into three feet.				
				
				
One sixteenth of a pound is an ounce.				
				
				
I can break up 30 into five sections of 6.				
				
				
A pace is a third of a reed.				