Getachew and Malathy,

This is a draft of a math “pre-quiz” that I made up. It could easily be turned into a multiple choice test

Mark

**Please complete the following. You may NOT use a calculator and you must show your work.**

1. Solve for x.

150 = x/3

1. Solve for x.

8 = 40/x

1. Find the average of the following:

24
27
28
30
35
36

1. If there are 8 people with an average income of $15,000, what is their total income?
2. Find the slope of line A on the graph below:



1. What is 5% of 160?
2. 24 is what % of 400?
3. In 2009 Joe’s income was $48,000. Three years later in 2012 his income was $66,000. By what percent did his income increase in that three year period?
4. Add the following:

 10
 5
 -8
 3
-15
 20

1. Express 0.60 as a fraction.
2. Express 1/8 as a decimal.
3. Reduce 6/63 to its lowest terms.
4. Joe earns $60,000 a year. What is his average monthly salary?
5. Find the area of the following:



1. Find the area of the following:



1. Calculate:

.5 ÷ 2.5

1. Calculate:

.8/.2

1. Calculate:

.2/.8

1. Calculate:

.5 x 22

1. Calculate:

.08 x .022

1. Calculate:

1/5 x 4/5

1. Calculate:

1/2 x 1/2