

Name:

Class:

Date:

## Ratio & Proportion

*Instruction:* Please answer carefully each of the problems listed as items below.

1.) Write the following ratios in their simplest forms:



(a)  $\$3.25 : 75^\circ$



(b)  $1.2 \text{ tons} : 300 \text{ kg}$

2.)



In a furniture store, the ratio of stoves to refrigerators is 4:5. If there are 36 stoves in the store, what is the total number of these appliances at the store?

appliances

3.) A sum of \$12,000 was shared among Reisha, Ryan and Ray as in the proportion, 7:11:6.

(a) What sum is the largest share?

(b) What is the difference between the largest and smallest share?

4.) Five boys, Enrique, Rishard, Malik, Damion and Steve, shared a number of marbles among themselves in the proportion,  $3 : 1 : 2 : 4 : 2$ . Malik got 10 marbles.

(a) How many marbles were shared?

(b) How many more marbles did Damion have than Steve?

(c) How many did Enrique, Rishard and Malik have altogether?

