Directions: The math problems on this sheet are due by Friday this week. It is broken into sections as a suggestion of how many problems you should complete each night for a manageable amount of work. You may work at your own pace as long as it is completed by Friday.

Happy MLK Day!

Find the percent of a number.

1. 44% of 205 _____

2. 0.68% of 425 _____

3. Chen wants to buy a pair of pants that regularly costs $54. Today, the pants are on sale for 60% of the original price. How much will Chen have to pay for the pants? _____

4. Order the fractions from least to greatest.

$$\frac{3}{5}, \frac{1}{4}, \frac{1}{2}, \frac{2}{5}$$

_____

5. Order the fractions from least to greatest.

$$2\frac{2}{3}, 2\frac{6}{15}, 2\frac{3}{5}, 2\frac{4}{9}$$

_____

Solve.

1. Yolanda's club has 50 members. Its rules require that 60% of them must be present for any vote. At least how many members must be present to have a vote?

   _____

2. Becky took a quiz in science today. She answered 16 out of 25 correct. What is her score?

   _____

3. Yara just received a 6% raise in salary. Before the raise, she was making $52,000 per year. How much more will Yara earn next year?

   _____

4. Mallorie has $5 in her wallet. If this is 10% of her monthly allowance, what is her monthly allowance? _____

5. Nick has $20 in his bag. This is 30% of his monthly allowance. How much is his monthly allowance? _____

1. Write each decimal as a fraction in simplest form.

   0.75 _____   0.48 _____   0.72 _____

2. Write each fraction as a decimal.

   7/8 _____   7/20 _____   7/5 _____

3. Write each percent as a decimal.

   32% _____   10% _____   6% _____

4. Write each decimal as a percent.

   0.93 _____   0.2 _____   0.05 _____

5. Write each fraction as a percent.

   4/9 _____   6/5 _____   3/8 _____