

Nom : \_\_\_\_\_



## Revision-Test, Module 5 : Fractions, Ratio, Percent

1. Represent each Mixed Number as an Improper Fraction.

a)  $1\frac{4}{9}$  \_\_\_\_\_

b)  $3\frac{6}{7}$  \_\_\_\_\_

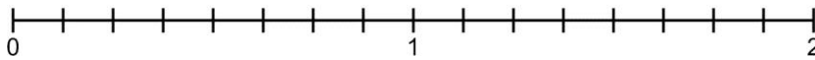
2. Represent each Improper Fraction as a Mixed Number.

a)  $\frac{17}{3}$  \_\_\_\_\_

b)  $\frac{29}{9}$  \_\_\_\_\_

3. Place the fractions below on the number line.

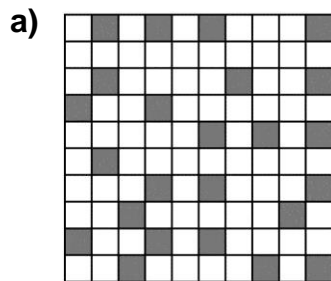
a)  $\frac{3}{2}$   $\frac{7}{4}$   $1\frac{5}{8}$



4. List the following fractions in order least to greatest.

a)  $1\frac{2}{5}$   $\frac{17}{10}$   $\frac{4}{5}$  \_\_\_\_\_

5. Write a fraction, decimal and percentage for the shaded part of the grid below.



6. Using the grid from #5, write a fraction, decimal and percentage for the non-shaded part of the grid.

a) \_\_\_\_\_

7. Represent each fraction as a percentage and as a decimal.

a)  $\frac{9}{50}$  \_\_\_\_\_

b)  $\frac{1}{10}$  \_\_\_\_\_

c)  $\frac{3}{4}$  \_\_\_\_\_

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8. Are the following greater than or less than 25%? Show how you know.

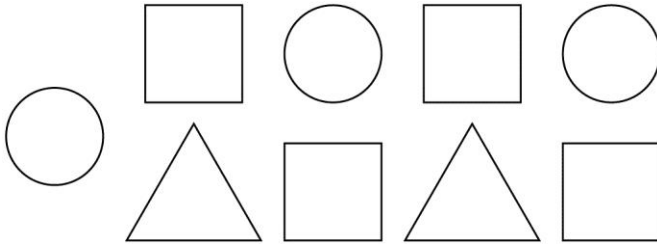
a) 0,17 \_\_\_\_\_

b)  $\frac{3}{10}$  \_\_\_\_\_

9. What is the ratio of....

a) circles to squares? \_\_\_\_\_

b) circles to total number of shapes? \_\_\_\_\_



10. Write 3 equivalent ratios for the following :

a) 3 : 5 \_\_\_\_\_

11. Ben scored 19 out of 25 on his test. Faith scored 79 % on the same test. Who received the higher score? Explain your answer.

12. Chantal prepared a salad dressing. She used 3 parts olive oil for every 2 parts of vinegar. If in total Chantal used 15 parts of olive oil, how many parts of vinegar did she use? Show your work.

13. Write the percentage that represents :

a) about  $\frac{1}{3}$  of something : \_\_\_\_\_

b) between 0,15 and 0,25 of something : \_\_\_\_\_

c) a little less than  $\frac{9}{10}$  of something : \_\_\_\_\_

14. Explain the value of 75 %. Show it in as many ways as possible.