Equivalent fractions assignment 1:

For problems 1-4

a. draw the diagram
b. tell which of these equivalence ideas is shown most clearly by your diagram

- Equal fractions cover an equal amount of the (area of the) whole
- Equal fractions show the same length of a unit
- Equal fractions identify the same point on a number line

c. Write an in-words explanation for how to find the multiplication ideas in your picture.

1. Draw circle pictures to show $\frac{1}{3}=\frac{2}{6}$. Tell what the unit whole is for your pictures.

2. Draw a fraction strip picture to show $\frac{3}{4}=\frac{6}{8}$

3. Draw a fraction of a square picture to show: $\frac{3}{4}=\frac{9}{12}$

4. Draw a number line picture to show $\frac{2}{3}=\frac{4}{6}$

5. Explain how the process folding a square to show $\frac{3}{4}=\frac{6}{8}$ is different from the process of folding a fraction strip to show the same relationship.