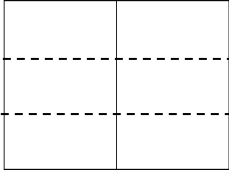
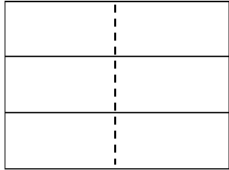
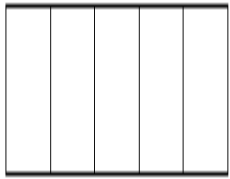
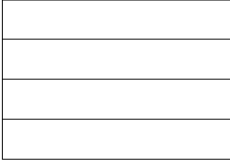


Name \_\_\_\_\_ Date \_\_\_\_\_

1. Draw an area model for each pair of fractions, and use it to compare the two fractions by writing  $>$ ,  $<$ , or  $=$  on the line. The first two have been partially done for you. Each rectangle represents 1.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>a. <math>\frac{1}{2}</math> _____ <math>&lt;</math> _____ <math>\frac{2}{3}</math></p> <div style="margin-left: 150px;"> <math>\frac{1 \times 3}{2 \times 3} = \frac{3}{6}</math> </div> <br> <div style="margin-left: 150px;"> <math>\frac{2 \times 2}{3 \times 2} = \frac{4}{6}</math> </div> | <p>b. <math>\frac{4}{5}</math> _____ <math>\frac{3}{4}</math></p> <br> |
| <p>c. <math>\frac{3}{5}</math> _____ <math>\frac{4}{7}</math></p>                                                                                                                                                                                                                                                                                                                                                                                                    | <p>d. <math>\frac{3}{7}</math> _____ <math>\frac{2}{6}</math></p>                                                                                                                                                                            |
| <p>e. <math>\frac{5}{8}</math> _____ <math>\frac{6}{9}</math></p>                                                                                                                                                                                                                                                                                                                                                                                                    | <p>f. <math>\frac{2}{3}</math> _____ <math>\frac{3}{4}</math></p>                                                                                                                                                                            |

2. Rename the fractions, as needed, using multiplication in order to compare each pair of fractions by writing  $>$ ,  $<$ , or  $=$ .

a.  $\frac{3}{5}$  \_\_\_\_\_  $\frac{5}{6}$

b.  $\frac{2}{6}$  \_\_\_\_\_  $\frac{3}{8}$

c.  $\frac{7}{5}$  \_\_\_\_\_  $\frac{10}{8}$

d.  $\frac{4}{3}$  \_\_\_\_\_  $\frac{6}{5}$

3. Use any method to compare the fractions. Record your answer using  $>$ ,  $<$ , or  $=$ .

a.  $\frac{3}{4}$  \_\_\_\_\_  $\frac{7}{8}$

b.  $\frac{6}{8}$  \_\_\_\_\_  $\frac{3}{5}$

c.  $\frac{6}{4}$  \_\_\_\_\_  $\frac{8}{6}$

d.  $\frac{8}{5}$  \_\_\_\_\_  $\frac{9}{6}$

4. Explain two ways you have learned to compare fractions. Provide evidence using words, pictures, or numbers.