Practice Assignment   **0   25   50   75   100**

1. Divide & label the number line into sixths. Plot $\frac{1}{3}$.

2. Divide & label the number line into eighths. Plot $\frac{3}{4}$.

2. Order the fractions from least to greatest. Show or explain your reasoning.

a.

$$\frac{5}{11}, \frac{5}{6}, \frac{5}{13}, \frac{5}{3}, \frac{5}{17}, \frac{5}{8}$$

b.

$$\frac{7}{5}, \frac{7}{15}, \frac{7}{4}, \frac{7}{22}, \frac{7}{9}, \frac{7}{12}$$

3. Create a rectangle that represents the following fractions and their colors:

a. ¼ yellow & ¾ red
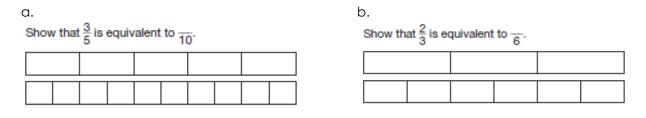
b. ½ red, ¼ blue, & ¼ yellow

c. $\frac{5}{8}$ green, $\frac{1}{4}$ red, & $\frac{1}{8}$ blue

d. $\frac{1}{3}$ red, $\frac{1}{6}$ blue, $\frac{1}{6}$ green, & $\frac{1}{3}$ yellow

4. Determine which fraction is equivalent to the following by shading in the appropriate boxes.

a.

Show that $\frac{3}{5}$ is equivalent to $\frac{}{10}$.

b.

Show that $\frac{2}{3}$ is equivalent to $\frac{}{6}$.

5. Simplify each fraction using the GCF or Prime Factorization Method.

a. $\dfrac{6}{16}$ b. $\dfrac{21}{24}$ c. $\dfrac{12}{30}$ d. $\dfrac{42}{54}$

6. Each year, AHS puts on a talent show to showcase student talent. This year, 36 students are participating. Create a fraction to show what portion of the show is each talent and then simplify your fraction. You will also include what the GCF was for each fraction that you simplified. ©CarnegieLearning

Type of Act	Number of Acts	Portion of Show	GCF	Simplified Portion of Show
Singing	10			
Dancing	9			
Playing an instrument	8			
Lip-synching	4			
Other	5			

7. Convert each fraction to either an improper fraction or mixed number. Make sure your fraction is simplified.

a. $\dfrac{21}{6}$ b. $2\dfrac{1}{5}$ c. $\dfrac{29}{5}$ d. $4\dfrac{3}{5}$