

Name _____

Date _____

1. Each fraction strip is 1 whole. All the fraction strips are equal in length. Color one fractional unit in each strip. Then answer the questions below.



2. Circle *less than* or *greater than*. Whisper the complete sentence.

a. $\frac{1}{2}$ is less than $\frac{1}{4}$
 greater than

b. $\frac{1}{6}$ is less than $\frac{1}{2}$
 greater than

c. $\frac{1}{3}$ is less than $\frac{1}{2}$
 greater than

d. $\frac{1}{3}$ is less than $\frac{1}{6}$
 greater than

e. $\frac{1}{8}$ is less than $\frac{1}{6}$
 greater than

f. $\frac{1}{8}$ is less than $\frac{1}{4}$
 greater than

g. $\frac{1}{2}$ is less than $\frac{1}{8}$
 greater than

h. 9 eighths is less than 2 halves
 greater than



3. Lily needs $\frac{1}{3}$ cup of oil and $\frac{1}{4}$ cup of water to make muffins. Will Lily use more oil or more water? Draw and estimate to partition the cups of oil and water to explain your answer.

4. Compare unit fractions and write $>$, $<$, or $=$.

- a. 1 third 1 fifth
- b. 1 seventh 1 fourth
- c. 1 sixth $\frac{1}{6}$
- d. 1 tenth $\frac{1}{12}$
- e. $\frac{1}{16}$ 1 eleventh
- f. 1 whole 2 halves

Bonus:

- g. $\frac{1}{8}$ 1 eighth $\frac{1}{6}$ $\frac{1}{3}$ 2 halves 1 whole

5. Your friend Eric says that $\frac{1}{6}$ is greater than $\frac{1}{5}$ because 6 is greater than 5. Is Eric correct? Use words and pictures to explain what happens to the size of a unit fraction when the number of parts gets larger.