

Comparing Unit Fractions

Name: _____

Look at the denominators for the fractions below. Write "smaller pieces" by the denominator in each pair that breaks one whole into the smallest pieces. This is the key to comparing unit fractions (fractions with a numerator of 1).

1 $\frac{1}{5} \bigcirc \frac{1}{15}$

2 $\frac{1}{12} \bigcirc \frac{1}{4}$

3 $\frac{1}{8} \bigcirc \frac{1}{9}$

4 $\frac{1}{3} \bigcirc \frac{1}{2}$

5 $\frac{1}{30} \bigcirc \frac{1}{20}$

6 $\frac{1}{99} \bigcirc \frac{1}{100}$

- 7 Ally has finished $\frac{1}{9}$ of her homework. Ty has completed $\frac{1}{7}$ of his. Who has completed more?



- 8 A red ribbon is $\frac{1}{4}$ of a foot long. A yellow ribbon is $\frac{1}{8}$ of a foot long. Which ribbon is shorter?

- 9 San Antonio had $\frac{1}{10}$ of an inch of rain and Austin had $\frac{1}{6}$ of an inch of rain last night. Which city had more rain?



- 10 Sam has $\frac{1}{4}$ of a pizza and Jacob has $\frac{1}{5}$ of a pizza. Who has more pizza?

- 11 Lilly has read $\frac{1}{7}$ of her book. Madison has read $\frac{1}{10}$ of her book. Who has read less?



- 12 Elijah has run $\frac{1}{8}$ of a mile and Ethan has run $\frac{1}{3}$ of a mile. Who has run farther?