

★ Split a whole into more parts → parts are smaller

$\frac{3}{8} > \frac{3}{10}$ → same number of parts
eighths are bigger than tenths
(split in fewer) (split in more parts)

Same numerator

$\frac{5}{8} < \frac{6}{8}$ → $\frac{6}{8}$ has one more eighth
Same size parts

Same denominator

$\frac{7}{8} > \frac{6}{7}$ $\frac{7}{8}$ is closer to one:
missing $\frac{1}{8}$ missing $\frac{1}{7}$
Smaller missing piece

residual

$\frac{3}{5} > \frac{4}{9}$
more than $\frac{1}{2}$ less than $\frac{1}{2}$

transitive