Decomposing Fractions

Home Link 5-1

NAME DATE TIME

Family Note In class today your child learned to decompose fractions into smaller parts. For example, $\frac{5}{6}$ can be decomposed into $\frac{1}{6}+\frac{1}{6}+\frac{1}{6}+\frac{1}{6}+\frac{1}{6}$, $\frac{2}{6}+\frac{3}{6}$, $\frac{1}{6}+\frac{4}{6}$, and so on.

Complete the name-collection boxes using equations.

SRB 125-127

①

$\frac{11}{5}$

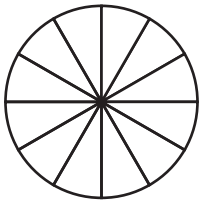
②

$1\frac{3}{8}$

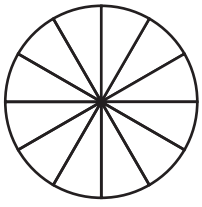
③ Decompose $\frac{8}{12}$ in more than one way into a sum of fractions with the same denominator.

Record each decomposition with an equation and justify it by shading the circle.

a. Equation: _____



b. Equation: _____



Practice

④ $9 * 785 =$ _____

⑤ $461 * 7 =$ _____

⑥ $644 * 4 =$ _____

⑦ _____ $= 39 * 50$