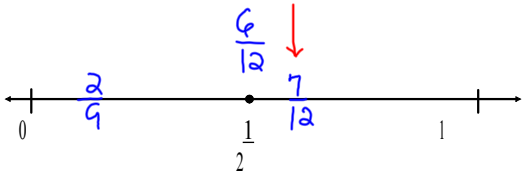
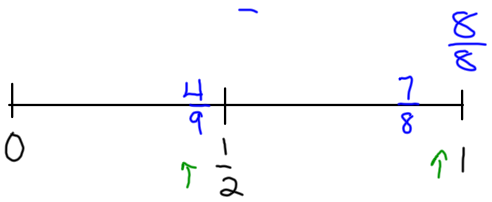
Chapter 3-1 Estimating with Fractions

Objective: SWBAT estimate sums, differences, quotients and products of fractions.

Vocabulary: Benc[redacted] convenient number used to replace fractions less than one. use 0, 1/2, 1



A Family bought a plot of land last year that was 4/9 acre. They planned to buy an adjoining lot this year that was 7/8 acre. Estimate the total amount of land they're going to own.



$\frac{1}{2} + 1 = 1\frac{1}{2}$

Overestimated

$4\frac{1}{6} - 2\frac{4}{5}$

$4 - 3 = 1$

Estimating a Product

$2\frac{2}{5} \cdot 6\frac{1}{10}$

$2 \cdot 6 = 12$

$43 \div 6 =$

Estimating a Quotient

$43\frac{1}{4} \div 5\frac{7}{8}$

$43 \div 6 =$

$42 \div 6 = 7$

Compatible

work well Together

$35\frac{3}{4} \div 5\frac{11}{12}$ @

$22\frac{7}{8} \div 3\frac{5}{6}$ @

$46\frac{2}{5} \div 5\frac{1}{10}$ @