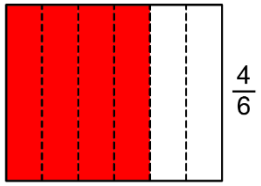
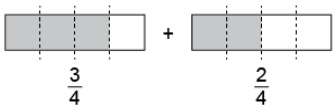
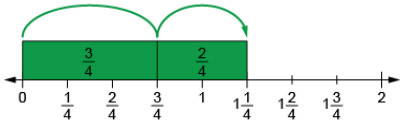
Number

Activity 23 Assessment

Adding and Subtracting Fractions with Like Denominators

Adding and Subtracting Fractions with Like Denominators

Expresses the composition or decomposition of a quantity as a sum or difference	Adds and subtracts concretely or pictorially	Adds and subtracts symbolically	Flexibly solves problems involving the addition and subtraction of fractions
<catch: pick up  "I can think of $\frac{4}{6}$ as $\frac{1}{6}+\frac{1}{6}+\frac{1}{6}+\frac{1}{6}$, or as $\frac{1}{6}+\frac{3}{6}$. I can also think of $\frac{4}{6}$ as $\frac{6}{6}-\frac{1}{6}-\frac{1}{6}$, or as $\frac{6}{6}-\frac{2}{6}$."	$\frac{3}{4}+\frac{2}{4}=?$  "Because each whole is divided into fourths, I can add the parts. 3 fourths + 2 fourths = 5 fourths. 5 fourths make 1 whole and $\frac{1}{4}$."  $\frac{3}{4}+\frac{2}{4}=\frac{5}{4}=1\frac{1}{4}$ "I modelled on the number line, then counted on from $\frac{3}{4}$: 4 fourths, 5 fourths."	$3\frac{1}{8}-\frac{6}{8}=?$ $3\frac{1}{8}=\frac{25}{8}$ $\frac{25}{8}-\frac{6}{8}=\frac{19}{8}$, or $2\frac{3}{8}$ "I converted $3\frac{1}{8}$ to $\frac{25}{8}$, then subtracted. I checked my answer using addition."	$1\frac{3}{10}+\frac{8}{10}+?=2\frac{7}{10}$ $1\frac{3}{10}+\frac{8}{10}=1\frac{11}{10}=2\frac{1}{10}$ $2\frac{7}{10}-2\frac{1}{10}=\frac{6}{10}$ $2\frac{1}{10}+\frac{6}{10}=2\frac{7}{10}$ "$\frac{6}{10}$ needs to be added to the other fractions to equal $2\frac{7}{10}$."
Observations/Documentation			