Adding/Subtracting Fractions w/ Like Denominators (5-2)

Example 2/3: Add or subtract the fractions.

I Do	You Do
$\dfrac{-3}{7} - \dfrac{5}{7} = \dfrac{-3 \overset{+}{-} 5}{7} = \dfrac{-8}{7}$ $\boxed{-1\dfrac{1}{7}}$	$\dfrac{11}{15} - \dfrac{-4}{15} = \dfrac{11 + 4}{15} = \dfrac{15}{15}$ $= \boxed{1}$

I Do	You Do
$11\dfrac{2}{15} - 6\dfrac{3}{15} =$ $10\dfrac{15}{15} + \dfrac{2}{15}$ $10\dfrac{17}{15} - 6\dfrac{3}{15}$ $\boxed{4\dfrac{14}{15}}$ $5\dfrac{-1}{15} = 4\dfrac{14}{15}$	$3\dfrac{3}{14} + 12\dfrac{5}{14} = 15\dfrac{8}{14} \div 2$ $\boxed{15\dfrac{4}{7}}$

I Do	You Do
$19\frac{4}{15} - 13\frac{2}{15} = \boxed{6\frac{2}{15}}$	$16\frac{7}{11} + 21\frac{7}{11} = 37\frac{14}{11}$ $37 + 1\frac{3}{11}$ $\boxed{38\frac{3}{11}}$

Example 4: Add or subtract the fractions.

I Do	You Do
$\frac{3a}{16} + \frac{5a}{16} = \frac{8a}{16} \div 8 = \boxed{\frac{1a}{2}}$ or $\boxed{\frac{a}{2}}$	$\frac{-13}{21b} - \frac{-4}{21b} = \frac{-13+4}{21b} = \frac{-9}{21b} \div 3$ $= \boxed{\frac{-3}{7b}}$

Example 1: A survey is conducted to see student interest in colleges. Twenty-one students picked U of M, 19 picked Michigan State, 6 picked SVSU, and 4 picked CMU.

I Do	You Do
What fraction of the students responded either SVSU or CMU? $$\frac{10}{50} = \boxed{\frac{1}{5}}$$	What fraction of the students did not respond U of M? $$\frac{29}{50}$$ $$\begin{array}{r} 50 \\ - 21 \\ \hline 29 \end{array}$$