MathFLIX CHALLENGE

Adding and Subtracting Fractions Using One Denomiator

Complete the following addition and subtraction with fractions.

Here are 10 names (equivalents) for $\frac{1}{2}$: $\frac{1}{2}$ $\frac{2}{4}$ $\frac{3}{6}$ $\frac{4}{8}$ $\frac{5}{10}$ $\frac{6}{12}$ $\frac{7}{14}$ $\frac{8}{16}$ $\frac{9}{18}$ $\frac{10}{20}$

Use the equivalents for $\frac{1}{2}$ that makes the following problems easy to solve.

$\frac{1}{2} = \frac{2}{4}$	$\frac{1}{2} = \frac{4}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{16}$	$\frac{5}{18}$	$\frac{14}{20}$
$+ \frac{1}{4}$	$+ \frac{1}{8}$	$+ \frac{3}{10}$	$+ \frac{4}{12}$	$+ \frac{1}{2}$	$+ \frac{1}{2}$	$+ \frac{1}{2}$
$\frac{3}{4}$						

Here are 10 names (equivalents) for $\frac{1}{3}$: $\frac{2}{6}$ $\frac{3}{9}$ $\frac{4}{12}$ $\frac{5}{15}$ $\frac{6}{18}$ $\frac{7}{21}$ $\frac{8}{24}$ $\frac{9}{27}$ $\frac{10}{30}$ $\frac{11}{33}$

Write 10 equivalents for $\frac{1}{3}$. Use the equivalents for $\frac{1}{3}$ that make the following problems easy to solve.

$\frac{1}{3}$	$\frac{2}{9}$	$\frac{5}{12}$	$\frac{1}{3}$	$1\frac{1}{3}$	$1\frac{1}{3}$	$5\frac{7}{24}$
$+ \frac{1}{6}$	$+ \frac{1}{3}$	$+ \frac{1}{3}$	$+ \frac{1}{15}$	$+ 1\frac{1}{18}$	$+ 1\frac{1}{21}$	$+ 3\frac{1}{3}$

Here are 10 names (equivalents) for $\frac{2}{3}$: $\frac{4}{6}$ $\frac{6}{9}$ $\frac{8}{12}$ $\frac{10}{15}$ $\frac{12}{18}$ $\frac{14}{21}$ $\frac{16}{24}$ $\frac{18}{27}$ $\frac{20}{30}$ $\frac{22}{33}$

Write 10 equivalents for $\frac{2}{3}$. Use the equivalents for $\frac{2}{3}$ that make the following problems easy to solve.

$\frac{2}{3}$	$\frac{2}{3}$	$\frac{5}{12}$	$\frac{19}{21}$	$1\frac{2}{3}$	$5\frac{2}{3}$	$4\frac{7}{16}$
$+ \frac{1}{15}$	$+ \frac{1}{24}$	$+ \frac{2}{3}$	$+ \frac{2}{3}$	$+ 2\frac{1}{6}$	$+ 2\frac{2}{9}$	$+ 3\frac{1}{5}$