

COUNTDOWN Challenge

Adding and Subtracting Fractions

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.

$$\begin{array}{r} \frac{1}{2} = \frac{2}{4} \quad \frac{1}{2} = \frac{4}{8} \quad \frac{1}{2} \quad \frac{1}{2} \quad \frac{3}{16} \quad \frac{5}{18} \quad \frac{14}{20} \\ + \frac{1}{4} \quad + \frac{1}{8} \quad + \frac{3}{10} \quad + \frac{4}{12} \quad + \frac{1}{2} \quad + \frac{1}{2} \quad + \frac{1}{2} \\ \hline \frac{3}{4} \end{array}$$

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.

$$\begin{array}{r} \frac{1}{3} \quad \frac{2}{9} \quad \frac{5}{12} \quad \frac{1}{3} \quad 1\frac{1}{3} \quad 1\frac{1}{3} \quad 5\frac{7}{24} \\ + \frac{1}{6} \quad + \frac{1}{3} \quad + \frac{1}{3} \quad + \frac{1}{15} \quad + 1\frac{1}{18} \quad + 1\frac{1}{21} \quad + 3\frac{1}{3} \\ \hline \end{array}$$

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.

$$\begin{array}{r} \frac{2}{3} \quad \frac{2}{3} \quad \frac{5}{12} \quad \frac{19}{21} \quad 1\frac{2}{3} \quad 5\frac{2}{3} \quad 4\frac{7}{16} \\ + \frac{1}{15} \quad + \frac{1}{24} \quad + \frac{2}{3} \quad + \frac{2}{3} \quad + 2\frac{1}{6} \quad + 2\frac{2}{9} \quad + 3\frac{1}{5} \\ \hline \end{array}$$