



Into Infinity

Solve the problems. Then rename the answers in lowest terms.

If the answer is $\frac{1}{4}$, $\frac{1}{8}$, or $\frac{1}{16}$, color the shape purple.

If the answer is $\frac{1}{2}$, $\frac{1}{3}$, or $\frac{1}{7}$, color the shape blue.

If the answer is $\frac{2}{3}$, $\frac{3}{4}$, or $\frac{7}{8}$, color the shape green.

If the answer is $\frac{3}{5}$, $\frac{4}{5}$, or $\frac{5}{7}$, color the shape yellow.

If the answer is $\frac{9}{10}$ or $\frac{11}{12}$, color the shape red.

Finish the design by coloring the other shapes with colors of your choice.

$\frac{3}{20} + \frac{2}{20}$ $\frac{2}{16} + \frac{2}{16}$

$\frac{1}{14} + \frac{1}{14}$ $\frac{1}{9} + \frac{2}{9}$

$\frac{1}{4} + \frac{2}{4}$ $\frac{4}{9} + \frac{2}{9}$

$\frac{4}{10} + \frac{2}{10}$ $\frac{1}{5} + \frac{2}{5}$

$\frac{6}{12} + \frac{5}{12}$ $\frac{4}{10} + \frac{5}{10}$

$\frac{4}{12} + \frac{7}{12}$ $\frac{1}{10} + \frac{8}{10}$

$\frac{4}{14} + \frac{6}{14}$ $\frac{6}{10} + \frac{2}{10}$

$\frac{4}{8} + \frac{2}{8}$ $\frac{4}{8} + \frac{3}{8}$

$\frac{2}{10} + \frac{3}{10}$ $\frac{1}{6} + \frac{2}{6}$

$\frac{1}{16} + \frac{1}{16}$ $\frac{3}{40} + \frac{7}{40}$