MathFLIX CHALLENGE

Adding & Subtracting Fractions

Do you have a nickname? Do friends or family members call you something different from your given name? Did you know fractions can have different names?

Study the following names for $\frac{1}{2}$ then list 10 more. $\frac{1}{2}, \frac{2}{4}, \frac{3}{6}, \frac{4}{8}, \_, \_, \_, \_, \_, \_, \_, \_, \_, \_, \_$

Use this same strategy to complete the addition and subtraction problems below.

Find the name for $\frac{1}{2}$ that will make each problem easy.

$\frac{1}{2} = \frac{2}{4}$ $+ \frac{1}{4}$ ____

$\frac{1}{2} = \frac{3}{6}$ $+ \frac{1}{6}$ ____

$\frac{1}{2} = \frac{4}{8}$ $+ \frac{1}{8}$ ____

$\frac{1}{2}$ $+ \frac{1}{10}$ ____

$\frac{1}{2}$ $- \frac{3}{12}$ ____

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

$\frac{1}{2}$ $+ \frac{1}{20}$ ____

Find the name for $\frac{1}{3}$ that will make each problem easy. $\frac{1}{3}, \frac{2}{6}, \_, \_, \_, \_, \_, \_, \_, \_$

$\frac{1}{3}$ $+ \frac{1}{6}$ ____

$\frac{1}{9}$ $+ \frac{1}{3}$ ____

$\frac{1}{12}$ $+ \frac{1}{3}$ ____

$\frac{1}{3}$ $- \frac{4}{15}$ ____

$\frac{7}{21}$ $+ \frac{1}{3}$ ____

$\frac{17}{30}$ $- \frac{1}{3}$ ____

$\frac{1}{3}$ $+ \frac{8}{24}$ ____

Find the name for $\frac{3}{5}$ that will make each problem easy. $\frac{3}{5}, \frac{6}{10}, \_, \_, \_, \_, \_, \_, \_, \_$

$\frac{3}{5}$ $+ \frac{1}{20}$ ____

$\frac{3}{15}$ $+ \frac{3}{5}$ ____

$\frac{3}{25}$ $+ \frac{3}{5}$ ____

$\frac{3}{5}$ $+ \frac{3}{45}$ ____

$\frac{49}{50}$ $- \frac{3}{5}$ ____

$\frac{26}{30}$ $- \frac{3}{5}$ ____

$\frac{3}{5}$ $- \frac{1}{35}$ ____

Find the name for $\frac{7}{8}$ that will make each problem easy.

$\frac{7}{8}$ $+ \frac{1}{24}$ ____

$\frac{7}{8}$ $- \frac{1}{16}$ ____

$\frac{1}{32}$ $+ \frac{7}{8}$ ____

$\frac{7}{8}$ $+ \frac{1}{80}$ ____

$\frac{7}{8}$ $+ \frac{7}{8}$ ____

$\frac{7}{8}$ $- \frac{5}{24}$ ____

$\frac{7}{8}$ $+ \frac{5}{16}$ ____