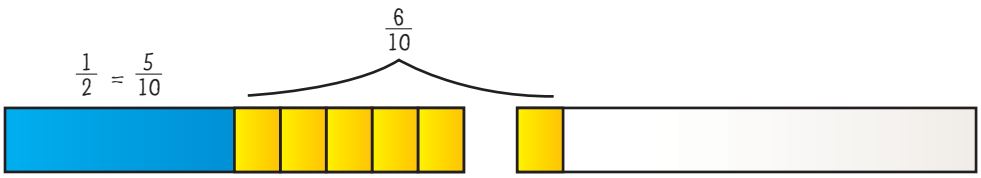
Adding Fractions (page 1 of 2)

$$\frac{1}{2} + \frac{3}{5} =$$

Samantha used shaded strips to solve this problem.

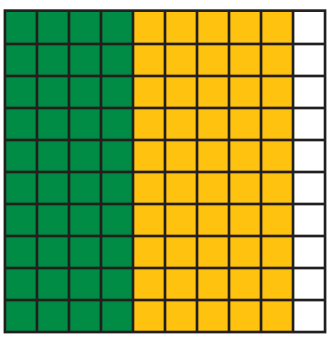
Samantha's solution



I know $\frac{1}{2} = \frac{5}{10}$, *I thought of* $\frac{3}{5}$ *as* $\frac{6}{10}$. $\frac{5}{10} + \frac{6}{10} = \frac{11}{10} = 1\frac{1}{10}$

$$\frac{2}{5} + \frac{1}{2} =$$

Renaldo used percent equivalents to solve this problem.



Renaldo's solution

$\frac{2}{5}$ *is the same as* $\frac{4}{10}$, *or 40%.*

$\frac{1}{2}$ *is 50 out of 100, or 50%.*

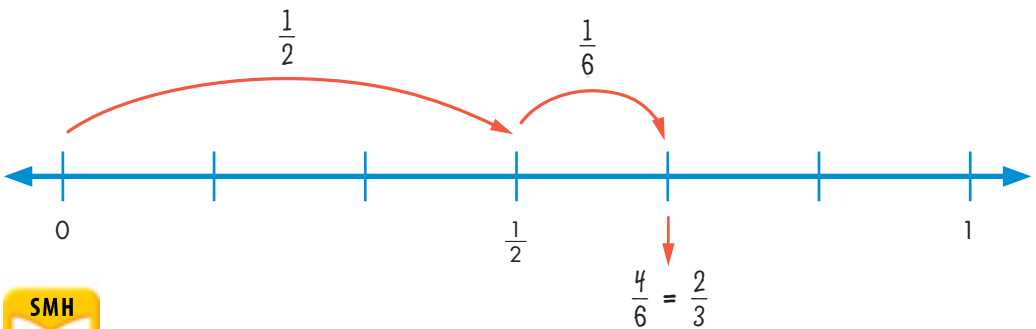
40% + 50% = 90%

$\frac{2}{5} + \frac{1}{2} = \frac{9}{10}$

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

Tamira used a number line to solve this problem.

Tamira's solution



Adding Fractions (page 2 of 2)

$$\frac{3}{4} + \frac{1}{6} =$$

Deon used a clock model to solve this problem.

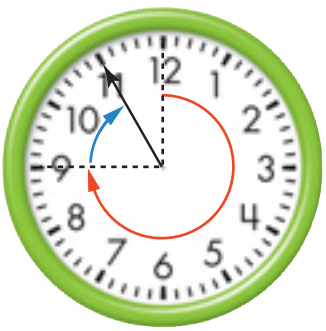
Deon's solution

Starting at 12:00 and moving $\frac{3}{4}$ of the way around, you land at 9:00.

Moving $\frac{1}{6}$ is 2 hours more, or 11:00.

That is the same as $\frac{11}{12}$ of the way around the clock.

So, $\frac{3}{4} + \frac{1}{6} = \mathbf{\frac{11}{12}}$.

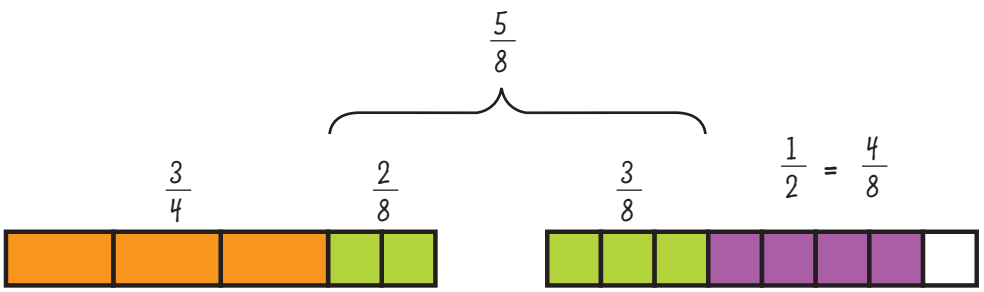


$$\frac{3}{4} + \frac{5}{8} + \frac{1}{2} =$$

Yumiko used shaded strips to solve this problem.

Yumiko's solution

Both $\frac{3}{4}$ and $\frac{5}{8}$ are greater than $\frac{1}{2}$, so the answer will be more than 1 whole.



$\frac{3}{4} + \frac{2}{8} = 1$ $\qquad$ $\frac{3}{8} + \frac{1}{2} = \frac{7}{8}$

$$1 + \frac{7}{8} = \mathbf{1\frac{7}{8}}$$

$\mathbf{\frac{5}{6} + \frac{1}{3} =}$ _____ $\qquad$ $\mathbf{\frac{7}{8} + \frac{1}{2} + \frac{1}{4} =}$ _____