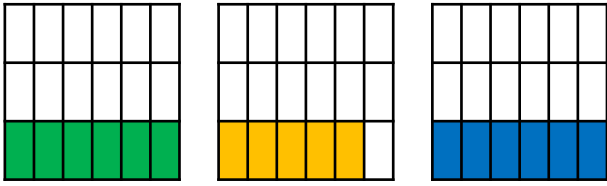


Add 3 or More Fractions

1a. Martha has added three fractions based on the models below.



$$\frac{3}{9} + \frac{5}{18} + \frac{6}{18} = \frac{14}{18}$$

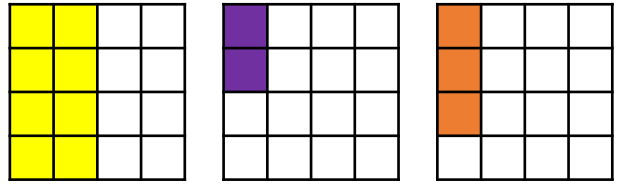
Is she correct? Prove it.



R

Add 3 or More Fractions

1b. Rick has added three fractions based on the models below.



$$\frac{4}{8} + \frac{2}{16} + \frac{3}{16} = \frac{9}{40}$$

Is he correct? Prove it.



R

2a. Use the clues below to work out which 3 fractions add together to total $\frac{8}{10}$.

- One of the fractions is $\frac{2}{5}$.
- The other two denominators have the same value as each other.
- The other two numerators are odd.



PS

2b. Use the clues below to work out which 3 fractions add together to total $\frac{10}{16}$.

- One of the fractions is $\frac{2}{8}$.
- The other two denominators have the same value as each other.
- The other two numerators are even.



PS

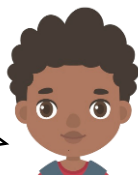
3a. True or false? Lola's calculation gives the larger answer.



Lola

$$\frac{1}{7} + \frac{4}{14} + \frac{3}{14}$$

$$\frac{1}{7} + \frac{3}{14} + \frac{3}{14}$$



Ricardo

Explain your answer.



R

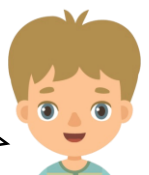
3b. True or false? Sam's calculation gives the larger answer.



Tara

$$\frac{2}{6} + \frac{3}{12} + \frac{5}{12}$$

$$\frac{1}{6} + \frac{6}{12} + \frac{3}{12}$$



Sam

Explain your answer.



R