Add and Subtract Fractions

1a. Mel is calculating the missing numerator in the following calculation:

$$\frac{\square}{7} + \frac{4}{7} = \frac{6}{7}$$

I think the missing numerator must be 10.

Is she correct? Explain why.

D

R

Add and Subtract Fractions

1b. Ian is calculating the missing numerator in the following calculation:

$$\frac{2}{8} + \frac{\square}{8} = \frac{8}{8}$$

I think the missing numerator must be 10.

Is he correct? Explain why.

D

R

2a. Insert the following symbols to make the equations correct: >, < or =

A) $\frac{5}{6} - \frac{3}{6} \square \frac{4}{6}$

B) $\frac{2}{5} + \frac{1}{5} \square \frac{3}{5}$

D

PS

2b. Insert the following symbols to make the equations correct: >, < or =

A) $\frac{3}{9} + \frac{5}{9} \square \frac{8}{9}$

B) $\frac{6}{7} - \frac{2}{7} \square \frac{3}{7}$

D

PS

3a. Complete the fractions to make the calculation correct.

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{5}{6}$$

D

PS

3b. Complete the fractions to make the calculation correct.

$$\frac{\square}{\square} - \frac{\square}{\square} = \frac{2}{9}$$

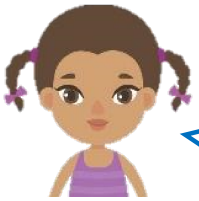
D

PS

Add and Subtract Fractions

4a. Sara is calculating the missing numerator in the following calculation:

$$\frac{8}{9} - \frac{\square}{9} = \frac{5}{9}$$



I think the missing numerator must be 4.

Is she correct? Explain why.

R

Add and Subtract Fractions

4b. Ted is calculating the missing numerator in the following calculation:

$$\frac{\square}{7} + \frac{6}{7} = 1\frac{4}{7}$$

I think the missing numerator must be 8.

Is he correct? Explain why.

R

5a. Insert the following symbols to make the equations correct: >, < or =

A) $\frac{10}{9} - \frac{2}{9}$ ☐ $\frac{4}{9} + \frac{4}{9}$

B) $\frac{3}{8} + \frac{2}{8}$ ☐ $\frac{12}{8} - \frac{6}{8}$

PS

5b. Insert the following symbols to make the equations correct: >, < or =

A) $\frac{5}{12} + \frac{6}{12}$ ☐ $\frac{15}{12} - \frac{7}{12}$

B) $\frac{15}{7} - \frac{9}{7}$ ☐ $\frac{2}{7} + \frac{4}{7}$

PS

6a. Complete the fractions to make the calculation correct.

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

PS

6b. Complete the fractions to make the calculation correct.

$$\frac{\square}{\square} + \frac{\square}{\square} = 1\frac{4}{9}$$

PS

Add and Subtract Fractions

7a. Asha is calculating the missing numerator in the following calculation:

$$\frac{\square}{8} + \frac{7}{8} = 1\frac{1}{2}$$

I think the missing numerator must be 5.

Is she correct? Explain why.

GD R

7b. Ivor is calculating the missing numerator in the following calculation:

$$\frac{18}{12} - \frac{\square}{12} = 1\frac{1}{4}$$

I think the missing numerator must be 17.

Is he correct? Explain why.

GD R

8a. Insert the following symbols to make the equations correct: >, < or =

A) $\frac{9}{11} + \frac{7}{11}$ ☐ $\frac{22}{11} - \frac{6}{11}$

B) $\frac{14}{8} - \frac{2}{8}$ ☐ $\frac{7}{8} + \frac{6}{8}$

GD PS

8b. Insert the following symbols to make the equations correct: >, < or =

A) $\frac{6}{9} + \frac{8}{9}$ ☐ $\frac{18}{9} - \frac{5}{9}$

B) $\frac{19}{12} - \frac{7}{12}$ ☐ $\frac{6}{12} + \frac{8}{12}$

GD PS

9a. Complete the fractions to make the calculation correct. The answer has been simplified.

$$\frac{\square}{9} + \frac{\square}{\square} = 1\frac{1}{3}$$

GD PS

9b. Complete the fractions to make the calculation correct. The answer has been simplified.

$$\frac{\square}{\square} + \frac{\square}{12} = 1\frac{1}{2}$$

GD PS