

Add and Subtract Fractions

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

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



I think the missing numerator must be 4.

Is she correct? Explain why. ✓



No, because $8 - 4 = 4$, not 5.

PS

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

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



I think the missing numerator must be 8.

Is he correct? Explain why. ✓



No, because $8 + 6 = 14$, and 7 goes into 14 two times, making 2 wholes.

PS

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

A) $\frac{10}{9} - \frac{2}{9} \quad \boxed{=} \quad \frac{4}{9} + \frac{4}{9}$

B) $\frac{3}{8} + \frac{2}{8} \quad \boxed{<} \quad \frac{12}{8} - \frac{6}{8}$



PS

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

A) $\frac{5}{12} + \frac{6}{12} \quad \boxed{>} \quad \frac{15}{12} - \frac{7}{12}$

B) $\frac{15}{7} - \frac{9}{7} \quad \boxed{=} \quad \frac{2}{7} + \frac{4}{7}$



PS

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

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



PS

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

$$\frac{\boxed{8}}{\boxed{9}} + \frac{\boxed{5}}{\boxed{9}} = 1\frac{\boxed{4}}{\boxed{9}}$$



PS