Addition and Subtraction of Like Fractions

A. Choose the correct answer:

1. What is $\frac{2}{7} + \frac{3}{7}$? a) $\frac{5}{14}$ b) $\frac{5}{7}$ c) $\frac{6}{7}$ d) $\frac{1}{7}$ **2. What is** $\frac{5}{9} - \frac{2}{9}$? a) $\frac{3}{18}$ b) $\frac{7}{9}$ c) $\frac{3}{9}$ d) $\frac{5}{7}$

3. Which of the following can be added directly?

a) $\frac{2}{5} + \frac{3}{7}$	b) $\frac{1}{4} + \frac{1}{6}$
c) $\frac{3}{8} + \frac{2}{8}$	d) $\frac{5}{6} + \frac{1}{5}$

4. What is the result of $\frac{4}{6} + \frac{2}{6}$?

a) ² / ₆	b)
c) $\frac{8}{6}$	d) $\frac{1}{6}$

5. What do we do with the denominators while adding like fractions?

- a) Add them b) Multiply them
- c) Keep them the same d) Divide them

B. Write the Missing Terms to Complete the Sentences:

$$1. \frac{3}{10} + \frac{4}{10} = ___$$
$$2. \frac{5}{9} - \frac{2}{9} = ___$$

3. In like fractions, denominators are always _____

4. $\frac{6}{9} - \frac{3}{9} =$ _____ 5. $\frac{1}{5} + \frac{3}{5} =$ _____ C. Mark each sentence with a True (✔) or False (X):

1. $\frac{3}{5} + \frac{2}{5} = \frac{6}{10}$ 2. $\frac{4}{7} - \frac{1}{7} = \frac{3}{7}$

3. To add like fractions, we subtract the denominators

 $4. \frac{5}{6} + \frac{1}{6} = \frac{6}{6}$ $5. \frac{7}{10} - \frac{4}{10} = \frac{3}{10}$

D. Figure out the answers to these questions:

- 1. Add $\frac{2}{7}$ and $\frac{4}{7}$ and write your answer.
- 2. Subtract $\frac{5}{9}$ from $\frac{7}{9}$.
- 3. Rani ate $\frac{2}{6}$ of a cake and her friend ate $\frac{1}{6}$. How much cake did they eat in total?
- 4. Subtract $\frac{3}{10}$ from $\frac{8}{10}$.
- 5. Rohit read $\frac{3}{8}$ of a book in the morning and $\frac{2}{8}$ in the evening. How much of the book did he read in all?

E. Challenge yourself with these questions:

- 1. Add the following: $\frac{2}{3} + \frac{3}{3}$
- 2. Subtract: $\frac{9}{10} \frac{6}{10}$
- 3. Find the sum of $\frac{1}{4} + \frac{2}{4} + \frac{1}{4}$
- 4. Neha drank $\frac{2}{8}$ of water from a bottle and her sister drank $\frac{3}{8}$. How much water did they drink together?
- 5. A ribbon is $\frac{5}{6}$ meter long. If $\frac{2}{6}$ meter is cut, how much ribbon is left?