

## Mixed Problems on Addition and Subtraction

### A. Choose the correct answer:

1. What is  $\frac{3}{4} + \frac{1}{4} - \frac{1}{2}$ ?

a)  $\frac{1}{2}$

b)  $\frac{3}{4}$

c) 1

d)  $\frac{2}{4}$

2. Which of the following is correct?

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

b)  $\frac{2}{5} + \frac{3}{5} - \frac{4}{5} = \frac{1}{5}$

c)  $\frac{3}{4} - \frac{1}{4} + \frac{1}{2} = \frac{3}{4}$

d)  $\frac{2}{3} - \frac{1}{3} + \frac{1}{3} = \frac{2}{3}$

3. What is the result of  $1\frac{1}{2} + 2\frac{1}{2} - 1$ ?

a) 2

b) 3

c) 4

d) 5

4. Solve:  $5 - \frac{2}{5} + \frac{1}{5}$

a)  $4\frac{2}{5}$

b)  $3\frac{3}{5}$

c)  $4\frac{4}{5}$

d)  $5\frac{1}{5}$

5. What is the value of  $2\frac{1}{4} + \frac{1}{2} - \frac{3}{4}$ ?

a) 2

b)  $2\frac{1}{2}$

c) 2

d)  $2\frac{1}{4}$

### B. Write the Missing Terms to Complete the Sentences:

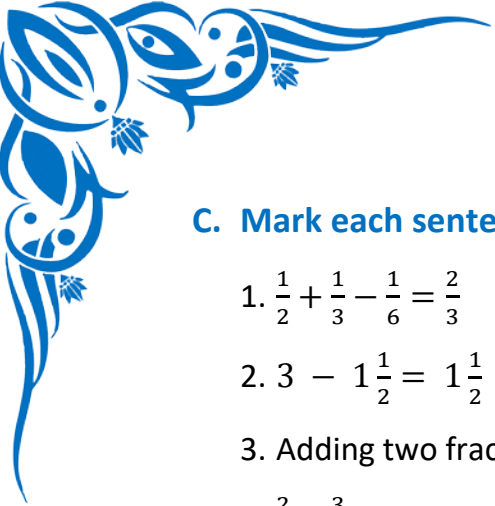
1.  $\frac{1}{2} + \frac{1}{4} = \underline{\hspace{2cm}}$

2.  $\frac{5}{6} - \frac{1}{3} = \underline{\hspace{2cm}}$

3.  $2\frac{1}{3} + 1\frac{2}{3} = \underline{\hspace{2cm}}$

4.  $3 - \frac{1}{2} + \frac{1}{2} = \underline{\hspace{2cm}}$

5.  $4\frac{1}{2} - 2\frac{1}{2} = \underline{\hspace{2cm}}$



**C. Mark each sentence with a True (✓) or False (X):**

1.  $\frac{1}{2} + \frac{1}{3} - \frac{1}{6} = \frac{2}{3}$  \_\_\_\_\_

2.  $3 - 1\frac{1}{2} = 1\frac{1}{2}$  \_\_\_\_\_

3. Adding two fractions with same denominators is not possible \_\_\_\_\_

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

5.  $5 - \frac{1}{5} - \frac{1}{5} = 4\frac{3}{5}$  \_\_\_\_\_

**D. Figure out the answers to these questions:**

1. Add  $1\frac{1}{2}$  and  $2\frac{1}{3}$ , then subtract  $1\frac{5}{6}$  from the result

2. Solve:  $\frac{3}{4} + \frac{1}{4} - \frac{1}{2}$

3. A rope is  $5\frac{1}{2}$  m long.  $2\frac{1}{4}$  m is used and  $\frac{1}{2}$  m is added again. What is the final length?

4. Subtract  $\frac{2}{5}$  from 1 and add  $\frac{3}{10}$  to the result

5. Find the value of  $6\frac{1}{2} - 2\frac{3}{4} + 1\frac{1}{4}$

**E. Challenge yourself with these questions:**

1. Add  $\frac{2}{3}$  and  $\frac{3}{4}$ , then subtract  $\frac{1}{6}$

2. A water tank has 10 liters.  $3\frac{1}{2}$  liters are used and  $1\frac{1}{4}$  liters are added. How much water is there now?

3. Solve:  $7 - 3\frac{1}{3} + \frac{2}{3}$

4. Find the total:  $1\frac{3}{4} + 2\frac{1}{4} - \frac{1}{2}$

5. Subtract  $4\frac{1}{2}$  from 8, then add  $1\frac{1}{2}$