Addition of Fractions

A. Choose the correct answer:

1. What is the sum of $\frac{1}{4} + \frac{1}{4}$?

a) $\frac{1}{2}$ b) $\frac{2}{4}$

c) $\frac{3}{4}$ d) $\frac{1}{1}$

2. What is the first step in adding $\frac{2}{5}$ and $\frac{3}{10}$?

a) Subtract the fractions b) Convert to decimals

c) Make the denominators same d) Add the denominators

3. What is $\frac{3}{7} + \frac{2}{7}$?

a) $\frac{6}{14}$ b) $\frac{5}{7}$

c) 1 d) $\frac{3}{5}$

4. $\frac{1}{2} + \frac{1}{3}$ is equal to

a) $\frac{2}{5}$ b) $\frac{3}{5}$

c) $\frac{5}{6}$ d) $\frac{4}{6}$

5. If the denominators are already the same, we

a) Add the denominators only

b) Add the numerators and keep the denominator same

c) Multiply the fractions

d) Change to mixed numbers

B. Write the Missing Terms to Complete the Sentences:

1. $\frac{1}{6} + \frac{2}{6}$ = _____

2. $\frac{2}{5} + \frac{3}{5}$ = _____

3. To add $\frac{1}{4}$ and $\frac{1}{2}$, we first make the _____ same

4. $\frac{3}{10} + \frac{5}{10}$ = _____

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

C. Mark each sentence with a True (✔) or False (✗):

1. $\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$ _____

2. To add $\frac{1}{2}$ and $\frac{1}{3}$, we keep the denominators same _____

3. $\frac{2}{5} + \frac{3}{5} = \frac{5}{5}$ _____

4. Fractions can only be added if their denominators are equal _____

5. $1\frac{1}{2} + \frac{1}{2} = 2$ _____

D. Figure out the answers to these questions:

1. Add $\frac{3}{8}$ and $\frac{1}{8}$. Write your answer in simplest form

2. Find the sum: $\frac{1}{2} + \frac{1}{3}$. Show steps

3. Solve: $\frac{2}{5} + \frac{1}{10}$

4. Convert and add: $\frac{2}{3} + \frac{3}{4}$

5. Add the following mixed fractions: $1\frac{1}{4} + 2\frac{1}{2}$

E. Challenge yourself with these questions:

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

2. Find the sum of $\frac{5}{6}$ and $\frac{1}{3}$

3. Add $\frac{2}{5}$, $\frac{3}{10}$, and $\frac{1}{2}$

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

5. Add $1\frac{1}{2}$ and $2\frac{2}{3}$ and simplify your answer