Subtraction of Unlike Fractions

A. Choose the correct answer:

1. What is the first step in subtracting $\frac{3}{4} - \frac{1}{2}$?

a) Subtract numerators
b) Subtract denominators
c) Make denominators same
d) Multiply numerators

2. What is $\frac{5}{6} - \frac{1}{3}$?

a) $\frac{4}{9}$
b) $\frac{2}{3}$
c) $\frac{3}{6}$
d) $\frac{1}{2}$

3. Which of the following is correct?

a) $\frac{2}{5} - \frac{1}{3} = \frac{1}{2}$
b) $\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$
c) $\frac{3}{4} - \frac{1}{3} = \frac{1}{2}$
d) $\frac{4}{5} - \frac{2}{3} = \frac{1}{4}$

4. Subtract $\frac{7}{8} - \frac{3}{4}$

a) $\frac{1}{2}$
b) $\frac{1}{8}$
c) $\frac{2}{8}$
d) $\frac{3}{8}$

5. What is $\frac{5}{6} - \frac{1}{4}$ in simplest form?

a) $\frac{7}{12}$
b) $\frac{4}{10}$
c) $\frac{9}{12}$
d) $\frac{5}{10}$

B. Write the Missing Terms to Complete the Sentences:

1. $\frac{3}{4} - \frac{1}{2}$ = _____
2. $\frac{5}{6} - \frac{1}{3}$ = _____
3. $\frac{7}{8} - \frac{3}{8}$ = _____
4. To subtract unlike fractions, we first make the _____ same
5. $\frac{4}{5} - \frac{2}{3}$ = _____

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

1. Unlike fractions have different denominators _____
2. To subtract $\frac{2}{5} - \frac{1}{3}$, we must first find a common denominator _____
3. $\frac{1}{2} - \frac{1}{3} = \frac{1}{6}$ _____
4. $\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$ _____
5. $\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$ _____

D. Figure out the answers to these questions:

1. Subtract $\frac{5}{6} - \frac{1}{3}$ and write the steps.
2. Solve: $\frac{3}{4} - \frac{1}{6}$.
3. If a ribbon is $\frac{7}{8}$ m long and $\frac{3}{4}$ m is used, how much is left?
4. Subtract $\frac{5}{8} - \frac{1}{2}$ and give the answer in simplest form.
5. Solve:$\frac{2}{3} - \frac{1}{4}$

E. Challenge yourself with these questions:

1. Subtract $\frac{7}{10} - \frac{1}{2}$
2. Solve: $\frac{3}{5} - \frac{1}{4}$
3. A piece of rope is $\frac{9}{10}$ m long. If $\frac{2}{5}$ m is cut, how much remains?
4. Find the difference between $\frac{5}{6}$ and $\frac{3}{10}$
5. Subtract $\frac{7}{12} - \frac{1}{3}$