Name: Date:

Adding & Subtracting Proper Fractions with Different Denominators

1. If fractions do not have common denominators, find the LCD or Lowest Common Denominator.
2. Write equivalent fractions.
3. Add or subtract numerators. Denominators stay the same.
4. Be sure to reduce or rename as a mixed number.

Example: LCD = 6

$$\frac{1}{2} = \frac{3}{6}$$

$$+\frac{1}{3} = \frac{2}{6}$$

$$\frac{3+2}{6} = \frac{5}{6}$$

1. $\frac{2}{3} + \frac{7}{8} =$

2. $\frac{5}{6} - \frac{4}{8} =$

3. $\frac{3}{4} + \frac{3}{7} =$

4. $\frac{1}{10} + \frac{4}{6} =$

5. $\frac{6}{9} - \frac{2}{6} =$

6. $\frac{2}{8} - \frac{1}{10} =$

7. $\frac{2}{3} + \frac{2}{9} =$

8. $\frac{6}{7} + \frac{8}{9} =$

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$$+\frac{1}{3} = \frac{2}{6}$$
$$\frac{3+2}{6} = \frac{5}{6}$$

1. $\frac{2}{3} + \frac{7}{8} = 1\frac{13}{24}$

2. $\frac{5}{6} - \frac{4}{8} = \frac{1}{3}$

3. $\frac{3}{4} + \frac{3}{7} = 1\frac{5}{28}$

4. $\frac{1}{10} + \frac{4}{6} = \frac{23}{30}$

5. $\frac{6}{9} - \frac{2}{6} = \frac{1}{3}$

6. $\frac{2}{8} - \frac{1}{10} = \frac{3}{20}$

7. $\frac{2}{3} + \frac{2}{9} = \frac{8}{9}$

8. $\frac{6}{7} + \frac{8}{9} = 1\frac{47}{63}$