Name: _____

Date: _____

Mixed Practice Using the ECD Method

Instructions: Add or subtract these 'un-like' fractions using the ECD method you learned in the video. Show your work. You do **not** need to simplify your answers.

1 $\quad \dfrac{2}{3} + \dfrac{1}{8}$

$$\dfrac{8}{8} \times \dfrac{2}{3} + \dfrac{1}{8} \times \dfrac{3}{3}$$

$$\dfrac{16}{24} + \dfrac{3}{24} = \boxed{\dfrac{19}{24}}$$

2 $\quad \dfrac{4}{3} - \dfrac{5}{7}$

3 $\quad \dfrac{4}{6} - \dfrac{1}{5}$

4 $\quad \dfrac{9}{10} - \dfrac{1}{3}$

5 $\quad \dfrac{3}{8} + \dfrac{3}{2}$

6 $\quad \dfrac{2}{7} + \dfrac{5}{6}$

7 $\quad \dfrac{7}{10} - \dfrac{3}{5}$

8 $\quad \dfrac{5}{11} + \dfrac{2}{5}$

▶ **Finding a Common Denominator: ECD • mathantics.com**

Math Antics® Worksheets

Un-Guided Practice with the LCD Method

Instructions: Add or subtract these 'un-like' fractions using the LCD method you learned in the video. Show your work and you do **not** need to simplify your answers.

1 $\dfrac{2}{3} + \dfrac{1}{6}$

$\dfrac{2}{2} \times \dfrac{2}{3} + \dfrac{1}{6}$

$\dfrac{4}{6} + \dfrac{1}{6} = \boxed{\dfrac{5}{6}}$

2 $\dfrac{7}{12} - \dfrac{1}{6}$

3 $\dfrac{15}{24} + \dfrac{5}{8}$

4 $\dfrac{9}{10} - \dfrac{1}{5}$

5 $\dfrac{3}{8} + \dfrac{3}{2}$

6 $\dfrac{3}{7} + \dfrac{5}{14}$

7 $\dfrac{5}{3} - \dfrac{3}{4}$

8 $\dfrac{4}{6} - \dfrac{3}{8}$

▶ **Finding a Common Denominator: LCD • mathantics.com**