Subtract With Unlike Denominators

Find $\frac{4}{5} - \frac{3}{10}$.

Step 1: Use the LCD to find equivalent fractions.

$$\frac{4}{5} = \frac{8}{10}$$
$$-\frac{3}{10} = -\frac{3}{10}$$

Step 2: Subtract.

$$\frac{8}{10}$$
$$-\frac{3}{10}$$
$$\overline{\frac{5}{10}}$$

Step 3: Simplify.

$$\frac{8}{10}$$
$$-\frac{3}{10}$$
$$\overline{\frac{5}{10}} = \frac{1}{2}$$

Subtract. Write the difference in simplest form.

1. $\frac{3}{4} - \frac{1}{3}$

_____

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

_____

3. $\frac{2}{3} - \frac{1}{5}$

_____

4. $\frac{5}{12} - \frac{1}{6}$

_____

5. $\frac{8}{15} - \frac{1}{5}$

_____

6. $\frac{9}{10} - \frac{1}{4}$

_____

7. $\frac{17}{20}$
$-\frac{3}{5}$
_____

8. $\frac{5}{6}$
$-\frac{2}{3}$
_____

9. $\frac{7}{9}$
$-\frac{1}{3}$
_____

10. $\frac{12}{15}$
$-\frac{1}{5}$
_____

11. $\frac{3}{4}$
$-\frac{1}{6}$
_____

12. $\frac{7}{10}$
$-\frac{1}{4}$
_____

Problem Solving

13. Bella bought $\frac{3}{4}$ pound of nuts. Her family ate $\frac{1}{8}$ pound of the nuts. How much is left?

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Show Your Work

Use with text pages 268–269.