

**STUDY LINK**  
**8•12**
**Mixed-Number Review**


Fill in the missing numbers.

1.  $4\frac{1}{4} = 3\frac{\square}{4}$

2.  $\frac{\square}{5} = 3\frac{7}{5}$



Solve. Write your answers in simplest form.

3.  $1\frac{3}{5} + 2\frac{1}{5} = \underline{\hspace{2cm}}$

4.  $3\frac{3}{8} - 1\frac{5}{8} = \underline{\hspace{2cm}}$

5.  $7\frac{4}{9} - 5\frac{8}{9} = \underline{\hspace{2cm}}$

6.  $3\frac{2}{7} + 1\frac{4}{5} = \underline{\hspace{2cm}}$

7.  $5\frac{2}{3} + 2\frac{3}{4} = \underline{\hspace{2cm}}$

8.  $4 - 1\frac{3}{4} = \underline{\hspace{2cm}}$

9.  $3 * 3\frac{3}{4} = \underline{\hspace{2cm}}$

10.  $4\frac{2}{3} * \frac{6}{7} = \underline{\hspace{2cm}}$

11.  $\underline{\hspace{2cm}} = 2\frac{1}{2} * 1\frac{4}{5}$

12.  $\frac{3}{10} * 8\frac{1}{3} = \underline{\hspace{2cm}}$

**Common Denominator Division**

Here is one way to divide fractions and to divide whole or mixed numbers by fractions.

**Step 1** Rename the numbers using a common denominator.

**Step 2** Divide the numerators.

Solve. Show your work.

13.  $5 \div \frac{2}{3} = \underline{\hspace{2cm}}$

14.  $\frac{4}{7} \div \frac{3}{5} = \underline{\hspace{2cm}}$

15.  $4\frac{1}{8} \div \frac{3}{4} = \underline{\hspace{2cm}}$

16.  $6\frac{2}{3} \div \frac{7}{9} = \underline{\hspace{2cm}}$