Using a Common Denominator

Home Link 5-2

NAME DATE TIME

SRB 177, 190

① For each pair of fractions in the table, find a common denominator. Then rewrite the two fractions as equivalent fractions with a common denominator. Write > or < in the space provided to create a true number sentence.

Remember the three strategies you have learned:

- List equivalent fractions.
- Check to see if one denominator is a multiple of the other denominator.
- Multiply denominators to get a quick common denominator.

	Original Fractions	Common Denominator	Equivalent Fractions		> or <
a.	$\frac{4}{7}$ $\frac{3}{5}$				$\frac{4}{7}$ ____ $\frac{3}{5}$
b.	$\frac{5}{9}$ $\frac{2}{3}$				$\frac{5}{9}$ ____ $\frac{2}{3}$
c.	$\frac{1}{4}$ $\frac{2}{10}$				$\frac{1}{4}$ ____ $\frac{2}{10}$
d.	$\frac{7}{9}$ $\frac{5}{6}$				$\frac{7}{9}$ ____ $\frac{5}{6}$
e.	$\frac{5}{12}$ $\frac{3}{8}$				$\frac{5}{12}$ ____ $\frac{3}{8}$

Use the table to help you rewrite the problems with common denominators. Then solve.

② $\frac{3}{5} - \frac{4}{7} =$ _____ − _____ = _____

③ $\frac{1}{4} + \frac{2}{10} =$ _____ + _____ = _____

④ $\frac{5}{9} + \frac{2}{3} =$ _____ + _____ = _____

Practice

Solve. Show your work on the back of the page.

⑤ 8,170 ÷ 75 → _____

⑥ 298 ÷ 17 → _____