3) Write a factor in each box to create multiplication expressions that match the category titles.

product less than $\frac{3}{4}$	**product equal to** $\frac{3}{4}$	**product greater than** $\frac{3}{4}$
$\frac{3}{4}$ x	$\frac{3}{4}$ x	$\frac{3}{4}$ x

6) Look at the expressions below. Which expressions will result in products that are less than one factor and greater than the other factor? Circle each expression whose product is less than one of the factors and greater than the other factor.

$$\frac{2}{3} \text{ x } \frac{5}{6} \qquad \frac{8}{4} \text{ x } \frac{3}{10} \qquad \frac{7}{12} \text{ x } \frac{6}{2} \qquad \frac{3}{4} \text{ x } \frac{12}{3}$$

$$\frac{15}{5} \text{ x } \frac{1}{2} \qquad \frac{1}{6} \text{ x } \frac{7}{8} \qquad \frac{16}{8} \text{ x } \frac{4}{5} \qquad \frac{5}{12} \text{ x } \frac{10}{2}$$

Find the value of each expression in lowest terms.

$$\frac{3}{20} + \frac{1}{5} \qquad\qquad \frac{2}{3} - \frac{1}{3} \qquad\qquad \frac{25}{17} - \frac{13}{17}$$

$$\frac{7}{20} + \frac{1}{2} \qquad\qquad \frac{7}{6} - \frac{1}{2} \qquad\qquad \frac{1}{2} + \frac{1}{2}$$

Find the products for at least three of the problems in the top row.

| 812 | 819 | 300 | 334 | | 7,225 | 7,674 | 1,210 |
| × 5 | × 9 | × 7 | × 8 | | × 9 | × 2 | × 6 |

Compare the fractions using <, >, or =. HINT: Think about whether each fraction is greater than, less than, or equal to a half. If one fraction is greater than a half and the other is not, you can tell which fraction is larger even without renaming!

$$\frac{2}{5} \qquad \frac{6}{10} \qquad\qquad \frac{3}{10} \quad\underline{\quad}\quad \frac{2}{4} \qquad\qquad \frac{1}{2} \quad\underline{\quad}\quad \frac{4}{5} \qquad\qquad \frac{5}{6} \qquad \frac{1}{8}$$

(5) $\dfrac{9}{10} \times 7 =$

(6) $\dfrac{3}{4} \times 4 =$

(7) $8 \times \dfrac{1}{3} =$

(8) $\dfrac{5}{14} \times 7 =$