NAME: _____

Find the fractional amounts.

(17)   What is $\frac{1}{7}$ of 63?   _____

(18)   What is $\frac{3}{7}$ of 63?   _____

(22)   What is $\frac{1}{10}$ of 30?   _____

(23)   What is $\frac{3}{10}$ of 30?   _____

(8)   What is $\frac{1}{5}$ of 20?   _____

(9)   What is $\frac{3}{5}$ of 20?   _____

(24)   What is $\frac{1}{4}$ of 24?   _____

(14)   What is $\frac{3}{4}$ of 24?   _____

Each expression below has $\frac{2}{3}$ as one of its factors. Circle each expression whose product is less than $\frac{2}{3}$.

$\frac{2}{3}$ x 4 $\frac{2}{3}$ x $\frac{10}{5}$ $\frac{5}{6}$ x $\frac{2}{3}$ $\frac{2}{3}$ x $\frac{6}{6}$ $\frac{1}{8}$ x $\frac{2}{3}$

Choose one of the expressions you circled. Explain how someone could tell that the product of expression is less than $\frac{2}{3}$ <u>without multiplying the factors.</u>

_____

_____

_____

_____

_____

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

542	402	337	352	7,352	2,635	5,140
× 3	× 3	× 8	× 7	× 5	× 7	× 4

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!

$$\frac{1}{2} \qquad \frac{2}{5} \qquad\qquad \frac{2}{10} \qquad \frac{5}{12} \qquad\qquad \frac{5}{10} \qquad \frac{1}{4} \qquad\qquad \frac{4}{6} \qquad \frac{2}{8}$$

(9) $\frac{1}{4} \times 7 =$

(10) $8 \times \frac{1}{5} =$

(11) $\frac{3}{10} \times 3 =$

(12) $\frac{3}{5} \times 3 =$