

NAME: _____

TUESDAY
NIGHT

Find the fractional amounts.

(18) What is $\frac{1}{3}$ of 90? _____

(9) What is $\frac{1}{8}$ of 32? _____

(19) What is $\frac{2}{3}$ of 90? _____

(10) What is $\frac{7}{8}$ of 32? _____

(15) What is $\frac{1}{9}$ of 54? _____

(16) What is $\frac{7}{9}$ of 54? _____

Read the statements about each boxed expression. Use mental math to decide which statement in each set is true. Place a \checkmark next to the true statements.

$$\frac{5}{6} \times \frac{7}{10}$$

_____ The product is less than $\frac{7}{10}$.

_____ The product is equal to $\frac{7}{10}$.

_____ The product is greater than $\frac{7}{10}$.

$$5 \times \frac{7}{12}$$

_____ The product is less than 5.

_____ The product is equal to 5.

_____ The product is greater to 5.

Find the value of each expression in lowest terms.

$$\frac{3}{2} - \frac{27}{20}$$

$$\frac{2}{3} + \frac{1}{3}$$

$$\frac{1}{20} + \frac{1}{4}$$

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

$$\begin{array}{r} 800 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 183 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 904 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 123 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3,384 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6,297 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2,574 \\ \times 8 \\ \hline \end{array}$$

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!

$$\frac{4}{5} \quad \frac{4}{12}$$

$$\frac{1}{2} \quad \frac{3}{9}$$

$$\frac{2}{3} \quad \frac{3}{9}$$

$$\frac{2}{9} \quad \frac{4}{5}$$

(13) $\frac{1}{4} \times 5 =$

(14) $4 \times \frac{1}{4} =$

(15) $\frac{2}{3} \times 4 =$

(16) $4 \times \frac{1}{6} =$