

NAME: _____

MONDAY
NIGHT

Find the fractional value of each of the numbers below.

(1) What is $\frac{1}{5}$ of 30? _____

(2) What is $\frac{4}{5}$ of 30? _____

(1) What is $\frac{1}{10}$ of 50? _____

(2) What is $\frac{9}{10}$ of 50? _____

(14) What is $\frac{1}{7}$ of 42? _____

(15) What is $\frac{2}{7}$ of 42? _____

(3) What is $\frac{1}{12}$ of 36? _____

(4) What is $\frac{7}{12}$ of 36? _____

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

$$\frac{2}{3} \times 6$$

_____ The product is less than $\frac{2}{3}$.

_____ The product is equal to $\frac{2}{3}$.

_____ The product is greater than $\frac{2}{3}$.

$$\frac{7}{12} \times 3$$

_____ The product is less than 3.

_____ The product is equal to 3.

_____ The product is greater to 3.

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

$$\begin{array}{r} 723 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 709 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 315 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 410 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7,551 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6,717 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1,723 \\ \times 6 \\ \hline \end{array}$$

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!

$$\frac{2}{4} \quad \frac{3}{8}$$

$$\frac{5}{12} \quad \square \quad \frac{3}{6}$$

$$\frac{5}{6} \quad \square \quad \frac{1}{5}$$

$$\frac{1}{2} \quad \frac{2}{5}$$

(17) $3 \times \frac{1}{3} =$

(18) $\frac{1}{8} \times 3 =$

(19) $6 \times \frac{3}{10} =$

(20) $6 \times \frac{1}{4} =$