**FOUNDATIONAL MATH - REMOTE LEARNING ACTIVITIES**

**NUMBER SENSE AND FRACTIONS**

1. Gather the materials needed: Pencil.
2. Time Required: 30 Minutes
3. Answer the questions below.

**FRACTIONS**

\[
\begin{align*}
5 \div 7 & \quad \quad 11 \div 44 \\
15 & \quad \quad 3 \quad 7
\end{align*}
\]

\[
\begin{align*}
&= 2 \div 2 \\
&= 9 \div 12
\end{align*}
\]

\[
\begin{align*}
&= 3 \div 3 \\
&= 7 \div 5
\end{align*}
\]

\[
\begin{align*}
&= 16 \div 25 \\
&= 12 \div 25
\end{align*}
\]

\[
\begin{align*}
&= 2 \div 12 \\
&= 2 \div 4
\end{align*}
\]

\[
\begin{align*}
&= 95 \div 100 \\
&= 36 \div 100
\end{align*}
\]

\[
\begin{align*}
&= 2 \div 3 \\
&= 1 \div 6
\end{align*}
\]

**COMPARE VALUES**

1. 3000 is 10 times as much as ________________.
2. What is the place value of the 6 in the number 1,652? ________________.

**UNITS OF MEASURE**

3. Which is a better estimate for the length of a school bus; 15 yards (meters) or 15 inches (centimeters)?

4. How many seconds are in 4 minutes? Hint: 1 minute has 60 seconds

5. What is 682 rounded to the nearest hundred? ________________
6. What is 64,679 rounded to the nearest 1,000? ________________
7. Write this number in standard form: 20,000 + 4,000 + 70 + 4. ________________
8. Write this number out in expanded form, showing the worth of each number in its place value: 50,658. Hint: See Question 7 for an example of a number in expanded form.

**FRACTIONS**

9. Convert the fraction to equivalent fractions and then compare.

\[
\begin{align*}
\frac{5}{11} \text{ and } \frac{7}{44} \\
\frac{1}{2} \quad \quad \frac{4}{9}
\end{align*}
\]

10. Compare these fractions by converting them to decimals.

\[
\begin{align*}
\frac{11}{15} \quad \quad \frac{4}{15} \\
\frac{3}{7} \quad \quad \frac{3}{5}
\end{align*}
\]

11. Pick the option that compares the fractions shown:

A. \(\frac{2}{6} < \frac{4}{6}\)  
B. \(\frac{4}{2} > \frac{4}{2}\)  
C. \(\frac{4}{2} < \frac{2}{4}\)  
D. \(\frac{5}{8} > \frac{4}{8}\)

12. Add or subtract these fractions:

\[
\begin{align*}
\frac{16}{25} + \frac{12}{25} &= \quad \frac{2}{12} + \frac{2}{4} &= \\
\frac{95}{100} - \frac{36}{100} &= \quad \frac{2}{3} - \frac{1}{6} &=
\end{align*}
\]