

MATH DECODER



Goal: Students will solve mathematical problems using multiplication

Activity: Math Decoder Worksheet

Materials: "Have You Thanked an Inventor Today?" and/or "Have You Thanked a KidVantor Today?" picture book(s), Math Decoder Worksheet, pencil

Directions: Students will decode a hidden message after solving math problems

COMMON CORE STANDARDS: 3.M.OA.7

MATH DECODER

Name: _____ Date: _____

Directions: Solve the math problems below.

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$

=K =O =N =T =A =V

$$\begin{array}{r} 68 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 22 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ \times 4 \\ \hline \end{array}$$

=D =H =E =R =I

Directions: Find the letter that coincides with each answer to the math problems you solved. Write that letter in the blank space above the same number in the spaces below. If you don't see your answer, recalculate. Once you've placed all of the letters in the correct space, use the message to answer the question below.

Question: What should you be sure to do today?

Answer:

$$\begin{array}{r} \hline 48 \\ \hline \end{array} \quad \begin{array}{r} \hline 16 \\ \hline \end{array} \quad \begin{array}{r} \hline 25 \\ \hline \end{array} \quad \begin{array}{r} \hline 18 \\ \hline \end{array} \quad \begin{array}{r} \hline 10 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 25 \\ \hline \end{array} \quad \begin{array}{r} \hline 18 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 52 \\ \hline \end{array} \quad \begin{array}{r} \hline 18 \\ \hline \end{array} \quad \begin{array}{r} \hline 55 \\ \hline \end{array} \quad \begin{array}{r} \hline 66 \\ \hline \end{array} \quad \begin{array}{r} \hline 18 \\ \hline \end{array} \quad \begin{array}{r} \hline 48 \\ \hline \end{array} \quad \begin{array}{r} \hline 36 \\ \hline \end{array} \quad \begin{array}{r} \hline 250 \\ \hline \end{array}$$