

IT'S ONLY LONG DIVISION: LESSON 1#1

NAME: ANSWER KEY

DIRECTIONS: FOLLOW THE STEP-BY-STEP INSTRUCTIONS TO FIND THE QUOTIENT.
REMINDER: BE SURE TO FILL IN ALL OF THE "MYSTERY BOXES" AS YOU GO.

$$\begin{array}{r} \times \quad \boxed{1}^1 \quad \boxed{7}^4 \\ 4 \overline{) 68} \\ - \quad \boxed{4}^2 \quad \downarrow \\ \hline \quad \boxed{2}^3 \quad 8 \\ - \quad \boxed{2}^{5A} \quad \boxed{8}^{5B} \\ \hline \qquad \quad \boxed{0}^6 \end{array}$$

- 1.) HOW MANY TIMES DOES THE DIVISOR "FIT" INSIDE OF THE 1ST DIGIT OF THE DIVIDEND?
- 2.) WHAT NUMBER BELONGS IN MYSTERY BOX #2?
HINT: MULTIPLY THE DIVISOR BY THE NUMBER IN MYSTERY BOX#1.
- 3.) WHAT NUMBER BELONGS IN MYSTERY BOX #3?
HINT: SUBTRACT THE NUMBER IN MYSTERY BOX #2 FROM THE 1ST DIGIT OF THE DIVIDEND.
REMINDER: THE EIGHT DROPS DOWN.
- 4.) HOW MANY TIMES DOES THE DIVISOR "FIT" INSIDE OF WHAT IS LEFT OF THE DIVIDEND?
- 5.) WHAT NUMBERS BELONG IN MYSTERY BOXES 5A AND 5B?
HINT: MULTIPLY THE DIVISOR BY THE NUMBER IN MYSTERY BOX #4.
- 6.) WHAT NUMBER BELONGS IN MYSTERY BOX #6?
HINT: IF IT ISN'T ZERO, YOU'VE MADE A MISTAKE SOMEWHERE.

DIRECTIONS: FIND EACH QUOTIENT.

$$\begin{array}{r} \quad 3 \quad 3 \\ 3 \overline{) 99} \\ - 9 \quad \downarrow \\ \hline \quad 0 \quad 9 \\ - \quad 9 \\ \hline \qquad \quad 0 \end{array}$$

$$\begin{array}{r} \quad 1 \quad 3 \\ 6 \overline{) 78} \\ - 6 \quad \downarrow \\ \hline \quad 1 \quad 8 \\ - 1 \quad 8 \\ \hline \qquad \quad 0 \end{array}$$

$$\begin{array}{r} \quad 2 \quad 4 \\ 4 \overline{) 96} \\ - 8 \quad \downarrow \\ \hline \quad 1 \quad 6 \\ - 1 \quad 6 \\ \hline \qquad \quad 0 \end{array}$$

IT'S ONLY LONG DIVISION: LESSON 1#2

NAME: ANSWER KEY

DIRECTIONS: FOLLOW THE STEP-BY-STEP INSTRUCTIONS TO FIND THE QUOTIENT.
REMINDER: BE SURE TO FILL IN ALL OF THE "MYSTERY BOXES" AS YOU GO.

$$\begin{array}{r} \times \quad \boxed{4}^1 \quad \boxed{6}^4 \\ \hline 2 \overline{) 92} \\ - \quad \boxed{8}^2 \quad \downarrow \\ \hline \quad \boxed{1}^3 \quad 2 \\ - \quad \boxed{1}^{5A} \quad \boxed{2}^{5B} \\ \hline \qquad \qquad \boxed{0}^6 \end{array}$$

- 1.) HOW MANY TIMES DOES THE DIVISOR "FIT" INSIDE OF THE 1ST DIGIT OF THE DIVIDEND?
2.) WHAT NUMBER BELONGS IN MYSTERY BOX #2?
HINT: MULTIPLY THE DIVISOR BY THE NUMBER IN MYSTERY BOX#1.
- 3.) WHAT NUMBER BELONGS IN MYSTERY BOX #3?
HINT: SUBTRACT THE NUMBER IN MYSTERY BOX #2 FROM THE 1ST DIGIT OF THE DIVIDEND.
REMINDER: THE TWO DROPS DOWN.
- 4.) HOW MANY TIMES DOES THE DIVISOR "FIT" INSIDE OF WHAT IS LEFT OF THE DIVIDEND?
- 5.) WHAT NUMBERS BELONG IN MYSTERY BOXES 5A AND 5B?
HINT: MULTIPLY THE DIVISOR BY THE NUMBER IN MYSTERY BOX #4.
- 6.) WHAT NUMBER BELONGS IN MYSTERY BOX #6?
HINT: IF IT ISN'T ZERO, YOU'VE MADE A MISTAKE SOMEWHERE.

DIRECTIONS: FIND EACH QUOTIENT.

$$\begin{array}{r} \quad 14 \\ 5 \overline{) 70} \\ - 5 \quad \downarrow \\ \hline \quad 20 \\ - 20 \\ \hline \qquad 0 \end{array}$$

$$\begin{array}{r} \quad 27 \\ 3 \overline{) 81} \\ - 6 \quad \downarrow \\ \hline \quad 21 \\ - 21 \\ \hline \qquad 0 \end{array}$$

$$\begin{array}{r} \quad 13 \\ 7 \overline{) 91} \\ - 7 \quad \downarrow \\ \hline \quad 21 \\ - 21 \\ \hline \qquad 0 \end{array}$$

IT'S ONLY LONG DIVISION: LESSON 1 #3

NAME: ANSWER KEY

DIRECTIONS: FOLLOW THE STEP-BY-STEP INSTRUCTIONS TO FIND THE QUOTIENT.
REMINDER: BE SURE TO FILL IN ALL OF THE "MYSTERY BOXES" AS YOU GO.

$$\begin{array}{r}
 \times \begin{array}{|c|c|} \hline 1^1 & 9^4 \\ \hline \end{array} \\
 \hline
 3 \overline{) \begin{array}{|c|c|} \hline 5 & 7 \\ \hline \end{array}} \\
 - \begin{array}{|c|c|} \hline 3^2 & \downarrow \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|c|} \hline 2^3 & 7 \\ \hline \end{array} \\
 - \begin{array}{|c|c|} \hline 2^{5A} & 7^{5B} \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|} \hline 0^6 \\ \hline \end{array}
 \end{array}$$

- 1.) HOW MANY TIMES DOES THE DIVISOR "FIT" INSIDE OF THE 1ST DIGIT OF THE DIVIDEND?
- 2.) WHAT NUMBER BELONGS IN MYSTERY BOX #2?
HINT: MULTIPLY THE DIVISOR BY THE NUMBER IN MYSTERY BOX#1.
- 3.) WHAT NUMBER BELONGS IN MYSTERY BOX #3?
HINT: SUBTRACT THE NUMBER IN MYSTERY BOX #2 FROM THE 1ST DIGIT OF THE DIVIDEND.
REMINDER: THE SEVEN DROPS DOWN.
- 4.) HOW MANY TIMES DOES THE DIVISOR "FIT" INSIDE OF WHAT IS LEFT OF THE DIVIDEND?
- 5.) WHAT NUMBERS BELONG IN MYSTERY BOXES 5A AND 5B?
HINT: MULTIPLY THE DIVISOR BY THE NUMBER IN MYSTERY BOX #4.
- 6.) WHAT NUMBER BELONGS IN MYSTERY BOX #6?
HINT: IF IT ISN'T ZERO, YOU'VE MADE A MISTAKE SOMEWHERE.

DIRECTIONS: FIND EACH QUOTIENT.

$$\begin{array}{r}
 \begin{array}{|c|c|} \hline 1 & 4 \\ \hline \end{array} \\
 6 \overline{) \begin{array}{|c|c|} \hline 8 & 4 \\ \hline \end{array}} \\
 - \begin{array}{|c|c|} \hline 6 & \downarrow \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|c|} \hline 2 & 4 \\ \hline \end{array} \\
 - \begin{array}{|c|c|} \hline 2 & 4 \\ \hline \end{array} \\
 \hline
 0
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{|c|c|} \hline 3 & 7 \\ \hline \end{array} \\
 2 \overline{) \begin{array}{|c|c|} \hline 7 & 4 \\ \hline \end{array}} \\
 - \begin{array}{|c|c|} \hline 6 & \downarrow \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|c|} \hline 1 & 4 \\ \hline \end{array} \\
 - \begin{array}{|c|c|} \hline 1 & 4 \\ \hline \end{array} \\
 \hline
 0
 \end{array}$$

$$\begin{array}{r}
 \begin{array}{|c|c|} \hline 4 & 3 \\ \hline \end{array} \\
 2 \overline{) \begin{array}{|c|c|} \hline 8 & 6 \\ \hline \end{array}} \\
 - \begin{array}{|c|c|} \hline 8 & \downarrow \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|c|} \hline 0 & 6 \\ \hline \end{array} \\
 - \begin{array}{|c|c|} \hline & 6 \\ \hline \end{array} \\
 \hline
 0
 \end{array}$$