

A.

Start with expanded form. Shift 100 and 10.

$$\begin{array}{r}
 352 \\
 \hline
 \begin{array}{ccc}
 300 & 50 & 2 \\
 200 & 150 & 2 \\
 200 & 140 & 12
 \end{array}
 \end{array}$$

B.

Start with expanded form. Shift 100 and 10.

$$\begin{array}{r}
 581 \\
 \hline
 \begin{array}{ccc}
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}}
 \end{array}
 \end{array}$$

C.

Start with expanded form. Shift 100 and 10.

$$\begin{array}{r}
 470 \\
 \hline
 \begin{array}{ccc}
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}}
 \end{array}
 \end{array}$$

D.

Start with expanded form. Shift 100 and 10.

$$\begin{array}{r}
 793 \\
 \hline
 \begin{array}{ccc}
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}}
 \end{array}
 \end{array}$$

E.

Start with expanded form. Shift 100 and 10.

$$\begin{array}{r}
 645 \\
 \hline
 \begin{array}{ccc}
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}}
 \end{array}
 \end{array}$$

F.

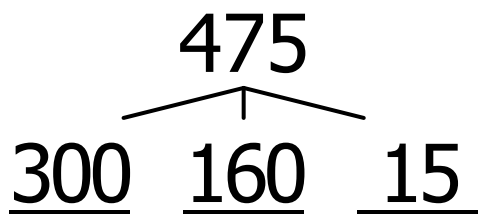
Start with expanded form. Shift 100 and 10.

$$\begin{array}{r}
 864 \\
 \hline
 \begin{array}{ccc}
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}} \\
 \underline{\hspace{1cm}} & \underline{\hspace{1cm}} & \underline{\hspace{1cm}}
 \end{array}
 \end{array}$$

Name: _____

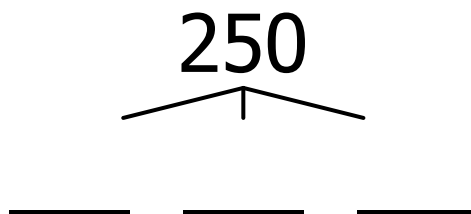
A.

Shift 100 and 10.



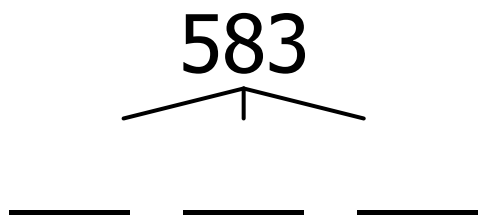
B.

Shift 100 and 10.



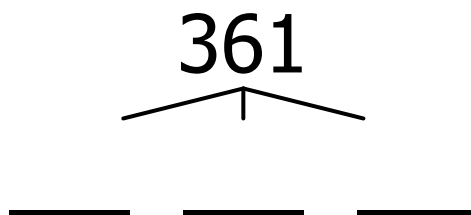
C.

Shift 100 and 10.



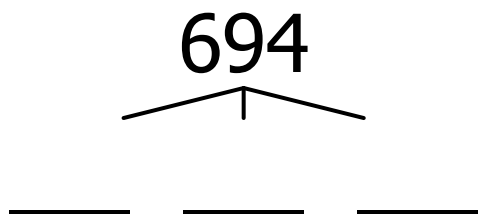
D.

Shift 100 and 10.



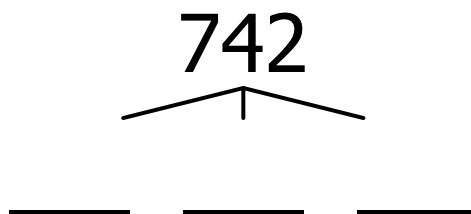
E.

Shift 100 and 10.



F.

Shift 100 and 10.



Name: _____

A.

Shift 100 and 10.

594



B.

Shift 100 and 10.

342



C.

Shift 100 and 10.

675



D.

Shift 100 and 10.

450



E.

Shift 100 and 10.

783



F.

Shift 100 and 10.

861

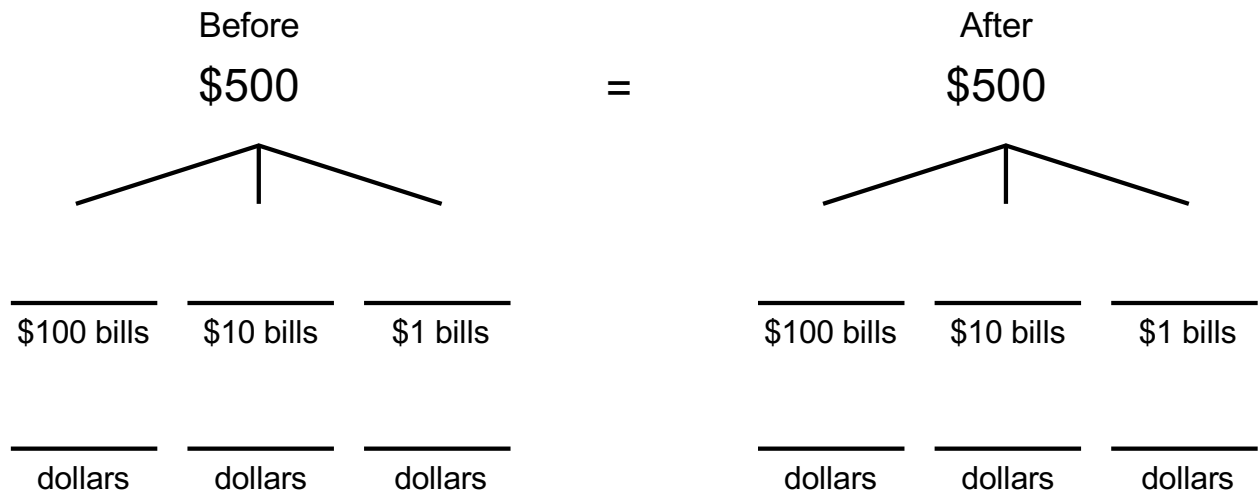


Name: _____

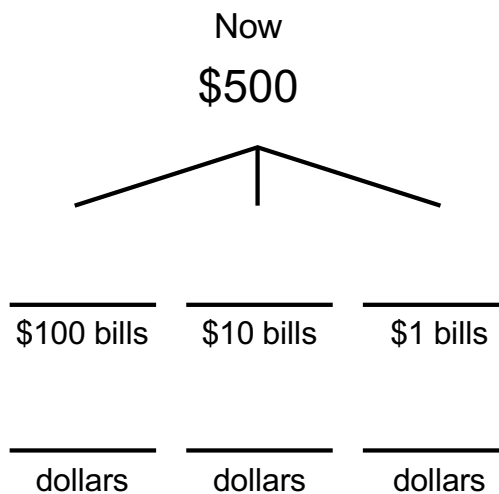
Problem of the Day Lesson 82

Bo has 5 bills that total \$500. Bo trades one \$100 bill for ten \$10 bills.

a. Show Bo's money before the trade, and after the trade.



b. Bo trades one \$10 bill for ten \$1 bills. Show Bo's money now.



Name: _____

DIGIT DETECTIVE - B

To solve the puzzle, here's what to do. Cross off the numbers that fit each clue.
With clever sleuth-work, when you're done, you'll be left with only one!

Shift (or unshift) hundreds and tens:

Even, and greater than:
 $700 + 150 + 18$

$725 =$
 $600 + \underline{\quad\quad} + 15$

Odd, and less than:
 $100 + 130 + 16$

$300 + 170 + 16$

$800 + 120 + 17$

What number am I?

890

486

245

207

937

110

870

920

827

193