

Name Jack

Date _____

1. Directions: Use the standard subtraction algorithm to solve the problems below.

a.

$$\begin{array}{r} \overset{9}{10} \overset{15}{16} \\ 101,680 \\ -91,680 \\ \hline 9,980 \end{array}$$

b.

$$\begin{array}{r} \overset{9}{10} \overset{15}{16} \\ 101,680 \\ -9,980 \\ \hline 91,680 \end{array}$$

c.

$$\begin{array}{r} \overset{13}{14} \overset{15}{16} \\ 197,859 \\ -44,702 \\ \hline 197,859 \end{array}$$

d.

$$\begin{array}{r} \overset{13}{14} \overset{15}{16} \\ 197,859 \\ -74,987 \\ \hline 167,574 \end{array}$$

e.

$$\begin{array}{r} \overset{9}{10} \overset{15}{16} \\ 1,000,000 \\ -592,000 \\ \hline 408,000 \end{array}$$

f.

$$\begin{array}{r} \overset{9}{10} \overset{15}{16} \overset{10}{10} \\ 1,000,000 \\ -592,500 \\ \hline 407,500 \end{array}$$

g.

$$\begin{array}{r} \overset{9}{10} \overset{14}{18} \\ 500,569 \\ -592,569 \\ \hline 8,089 \end{array}$$

h.

$$\begin{array}{r} \overset{9}{10} \overset{9}{10} \overset{9}{10} \\ 600,000 \\ -592,569 \\ \hline 7,431 \end{array}$$



COMMON CORE

Lesson 15:

Use place value understanding to fluently decompose to smaller units multiple times in any place using the standard subtraction algorithm, and apply the algorithm to solve word problems using tape diagrams.

Date:

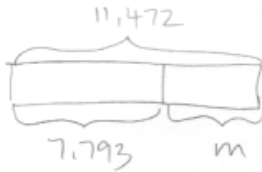
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engage^{ny}

1.E.8

Directions: Use a tape diagram to solve the problems below. Check your answers.

2. David is flying from Hong Kong to Buenos Aires. The total flight distance is 11,472 miles. If the plane has 7,793 miles left to travel, how far has it already traveled?



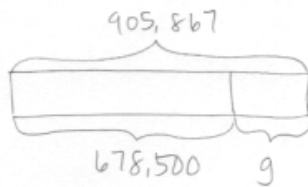
$$\begin{array}{r} \overset{10}{11} \overset{13}{,} \overset{16}{4} \overset{12}{7} \overset{2}{2} \\ \underline{- 7,793} \\ 3,679 \end{array}$$

check

$$\begin{array}{r} 7,793 \\ + 3,679 \\ \hline 11,472 \checkmark \end{array}$$

The plane has already traveled 3,679 miles.

3. Tank A holds 678,500 gallons of water. Tank B holds 905,867 gallons of water. How much less water does Tank A hold than Tank B?



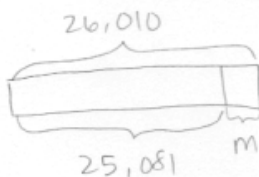
$$\begin{array}{r} \overset{8}{9} \overset{10}{0} \overset{15}{5}, \overset{16}{8} \overset{12}{6} \overset{7}{7} \\ \underline{- 678,500} \\ 227,367 \end{array}$$

check

$$\begin{array}{r} 678,500 \\ + 227,367 \\ \hline 905,867 \checkmark \end{array}$$

Tank A holds 227,367 less gallons of water than Tank B.

4. Mark had \$25,081 in his bank account on Thursday. On Friday, he added his paycheck to the bank account, and he then had \$26,010 in the account. What was the amount of Mark's paycheck?



$$\begin{array}{r} \overset{5}{2} \overset{10}{6}, \overset{10}{0} \overset{8}{8} \overset{1}{1} \\ \underline{- 25,081} \\ 929 \end{array}$$

check

$$\begin{array}{r} 25,081 \\ + 929 \\ \hline 26,010 \checkmark \end{array}$$

Mark's paycheck was for \$929.

