

Name _____

Date _____

1. Solve the addition problems below using the standard algorithm.

$$\begin{array}{r} \text{a.} \quad 7,909 \\ + 1,044 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b.} \quad 27,909 \\ + 9,740 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c.} \quad 827,909 \\ + 42,989 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d.} \quad 289,205 \\ + 11,845 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e.} \quad 547,982 \\ + 114,849 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f.} \quad 258,983 \\ + 121,897 \\ \hline \end{array}$$

$$\begin{array}{r} \text{g.} \quad 83,906 \\ + 35,808 \\ \hline \end{array}$$

$$\begin{array}{r} \text{h.} \quad 289,999 \\ + 91,849 \\ \hline \end{array}$$

$$\begin{array}{r} \text{i.} \quad 754,900 \\ + 245,100 \\ \hline \end{array}$$

Directions: Draw a tape diagram to model the following problem. Use numbers and words to explain your work.

2. At the zoo, Brooke learned that one of rhinos weighed 4,897 pounds, one of the giraffes weighed 2,667 pounds, one of the African elephants weighed 12,456 pounds, and one of the Komodo dragons weighed 123 pounds.

- a. What is the combined weight of the zoo's African elephant and the giraffe?

- b. What is the combined weight of the zoo's African elephant and the rhino?

- c. What is the combined weight of the zoo's African elephant, the rhino, and the giraffe?

- d. What is the combined weight of the zoo's Komodo dragon and the rhino?



Lesson 11:

Use place value understanding to fluently add multi-digit whole numbers using the standard addition algorithm and apply the algorithm to solve word problems using tape diagrams.

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