

Study Guide

Name: _____

Estimation, Addition and Subtraction Practice

1. Which two numbers provide an estimated difference of 900?

- a. $500 + 400$
- b. $1,265 - 347$
- c. $1,189 - 276$
- d. $1,098 - 198$

1. Check this problem for accuracy with inverse operations.

$$\begin{array}{r} 9,365 \\ + 11,925 \\ \hline 21,290 \end{array}$$

↗

$$\begin{array}{r} 12,128 \\ - 11,925 \\ \hline 9,365 \end{array}$$

2. Estimate and refine the estimate:

Which best describes the sum of 42,987 and 6,423?

- A. A little more than 49,000
- B. A little less than 49,000
- C. Between 48,000 and 49,000
- D. Exactly 49,000

3. $900,000 - 345,078 =$

$$\begin{array}{r} 89999 \\ \boxed{900,000}^{10} \\ - 345,078 \\ \hline 554,922 \end{array}$$

↗

$$\begin{array}{r} 1,111 \\ 554,922 \\ + 345,078 \\ \hline 900,000 \end{array}$$

4. Find the sum of 598,728 and 679,866.

$$\begin{array}{r} 1,111 \\ 598,728 \\ + 679,866 \\ \hline 1,278,594 \end{array}$$

↗

$$\begin{array}{r} 1,111 \\ 1,278,594 \\ - 679,866 \\ \hline 598,728 \end{array}$$

5. Find the difference of 35,298 and 782,012.

$$\begin{array}{r} 746,714 \\ - 782,012 \\ \hline 35,298 \end{array}$$

↗

$$\begin{array}{r} 1,111 \\ 746,714 \\ + 35,298 \\ \hline 782,012 \end{array}$$