

From Hundredths to Hundred-thousands: End-of-Unit Assessment

1. Select **all** representations of the number 89,500.

- A. Eighty-nine thousand five hundred
- B. Eight thousand nine hundred fifty
- C. $8,000 + 900 + 50$
- D. $80,000 + 5,000 + 90$
- E. $80,000 + 9,000 + 500$

2. Write $<$ or $>$ in each blank to make the statement true.

- a. 587,207 _____ 591,025
- b. 127,937 _____ 97,941
- c. 386,981 _____ 386,898

3. The distance between New York City and Boston is 225 miles. The distance between New York City and Salt Lake City is 10 times as far. How many miles is it between New York City and Salt Lake City? Explain or show your reasoning.

4. Select **all** expressions with the same value as $\frac{30}{100}$.

A. $\frac{3}{10}$

B. 0.03

C. $\frac{2}{10} + \frac{3}{100} + \frac{7}{10}$

D. 0.30

E. $\frac{2}{10} + \frac{10}{100}$

F. 0.33

5. Find the sum or difference.

a.

$$\begin{array}{r} 324,567 \\ + 34,762 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 827,419 \\ - 80,125 \\ \hline \end{array}$$

6. Clare, Han, and Andre each ran 40 yards. It took Clare 6.8 seconds and Han 6.9 seconds. Andre finished in less time than Han but more time than Clare. What could Andre's time be? Explain or show your reasoning.

7. Select **all** true statements.

- A. 287,164 rounded to the nearest hundred-thousand is 200,000.
- B. 287,164 rounded to the nearest ten-thousand is 290,000.
- C. 287,164 rounded to the nearest thousand is 287,000.
- D. 287,164 rounded to the nearest hundred is 287,100.
- E. 287,164 rounded to the nearest ten is 287,170.

8. A school district in Los Angeles reported 633,621 students in 2016. A school district in New York City reported 984,462 students in the same year.

a. Which school district had more students? Explain your reasoning.

b. How many more students? Explain or show your reasoning.

c. How many more students does the school district in New York need to have 1,000,000 students? Explain or show your reasoning.