

Name _____

Solve the problems.

1. Multiply. Show your work.

$$\begin{array}{r}
 475 \\
 \times 62 \\
 \hline
 950 \\
 + 28,500 \\
 \hline
 29,450
 \end{array}$$

2. Casey says that there are 1,512 inches in 168 yards. Her work is below. What mistake did Casey make? How many inches are in 168 yards?

$$\begin{array}{r}
 22 \\
 44 \\
 168 \\
 \times 36 \\
 \hline
 1,008 \\
 504 \\
 \hline
 1,512
 \end{array}$$

When Casey multiplied 30×168 , she forgot to write a zero placeholder in the ones column. $36 \times 168 = 6,048$. There are 6,048 inches in 168 yards.

3. A bus company owns 254 tour buses. Each bus carries 42 passengers. How many passengers can the company's tour buses carry?

a. 1,524

b. 8,668

c. 10,568

d. 10,668