

Name: _____ Date: _____

Multiplication Practice (Multi-Digit by Single-Digit)

Directions: Solve the multiplication problems using the method stated in the question. Show your work on your work mat paper if completing this assignment online. If you are completing this as a LiveWorksheet, be sure to use commas in the numbers where appropriate.

1. Use the area model to find 98×8 . Fill in the blanks in the area model and enter the final answer to complete the equation.

Fill in the blanks: $98 \times 8 = \underline{\hspace{2cm}}$

Diagram illustrating the area model for 98×8 . The model shows a large rectangle divided into two equal vertical sections. Above the left section is a blank box. Above the right section is a blank box. To the left of the entire structure is a blank box. Inside the left section is a horizontal blank box. Inside the right section is a horizontal blank box. A plus sign is centered between the two top boxes.

2. Use the partial products method to find 236×4 . Fill in the blanks and enter the final answer to complete the equation.

$$\begin{array}{rcl} 200 \times \underline{\hspace{2cm}} & = & 800 \\ 30 \times 4 & = & \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} \times 4 & = & 24 \end{array}$$

$$236 \times 4 = \underline{\hspace{2cm}}$$