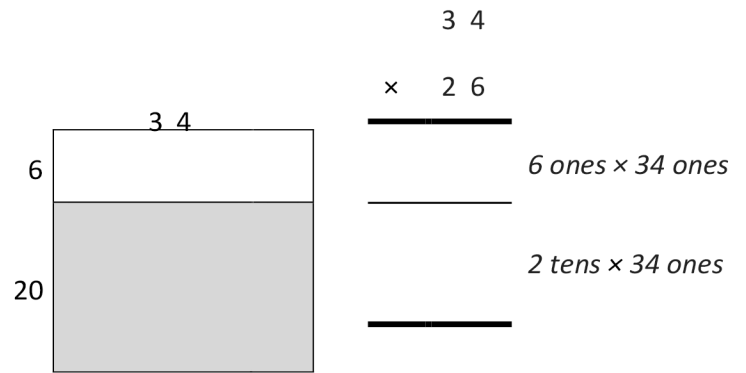
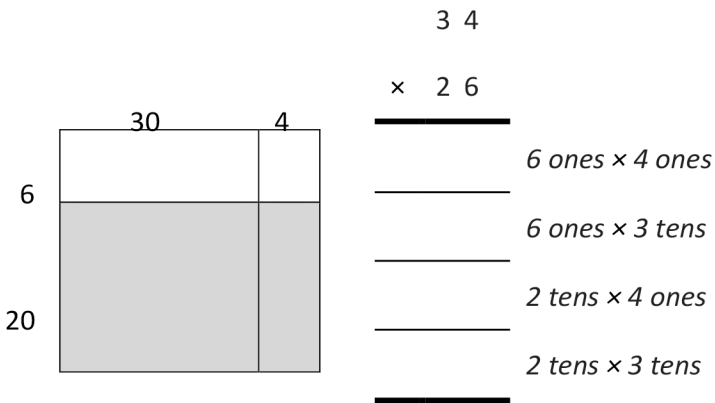


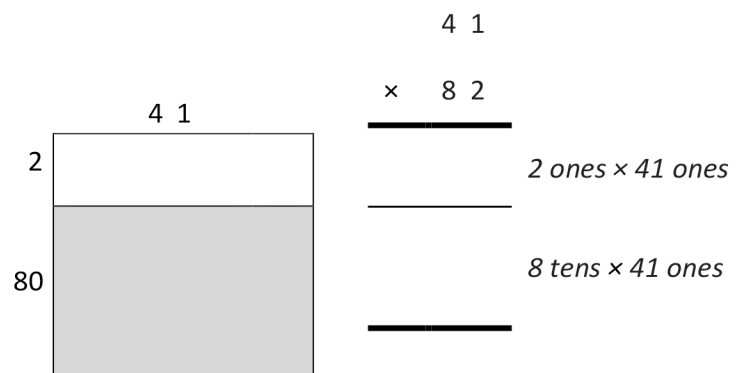
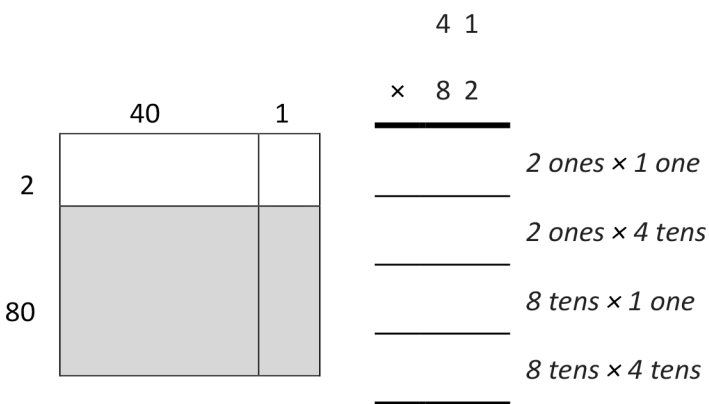
Name _____

Date _____

1. Solve 26×34 using 4 partial products and 2 partial products. Remember to think in terms of units as you solve. Write an expression to find the area of each smaller rectangle in the area model.



2. Solve using 4 partial products and 2 partial products. Remember to think in terms of units as you solve. Write an expression to find the area of each smaller rectangle in the area model.



3. Solve 52×26 using 2 partial products and an area model. Match each partial product to its area on the model.

4. Solve the following using 2 partial products. Visualize the area model to help you.

a.

$$\begin{array}{r} 68 \\ \times 23 \\ \hline \end{array}$$

_____ \times _____

_____ \times _____

b.

$$\begin{array}{r} 49 \\ \times 33 \\ \hline \end{array}$$

_____ \times _____

_____ \times _____

c.

$$\begin{array}{r} 16 \\ \times 25 \\ \hline \end{array}$$

d.

$$\begin{array}{r} 54 \\ \times 71 \\ \hline \end{array}$$

Answer Key

1. 6×4 , 6×30 , 20×4 , 20×30 ; 24, 180, 80, 600, 884; 6×34 , 20×34 ; 204, 680, 884
2. 2×1 , 2×40 , 80×1 , 80×40 ; 2, 80, 80, 3,200, 3,362; 2×41 , 80×41 ; 82, 3,280, 3,362
3. 2×26 , 50×26 ; 52, 1,300, 1,352
4.
 - a. 204, 3, 68; 1,360, 20, 68; 1,564
 - b. 147, 3, 49; 1,470, 30, 49; 1,617
 - c. 80, 320, 400
 - d. 54, 3,780, 3,834