



Name _____

Date _____

Complete the area model and find the sum of the partial products. Then multiply by using the standard algorithm. Compare your answers in each part to check that the product is correct.

1. 251×432

a.

	400	30	2
1			
50			
200			

b.

			4	3	2
×			2	5	1
+					

Draw an area model to find the partial products and find their sum. Then multiply by using the standard algorithm. Compare your answers in each part to check that the product is correct.

2. $342 \times 1,627$

a.

b.

×						
+						

Estimate the product. Then multiply.

$$\begin{aligned} 3. \quad 689 \times 824 &\approx \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \end{aligned}$$

$$\begin{aligned} 4. \quad 518 \times 706 &\approx \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \end{aligned}$$

$$\begin{aligned} 5. \quad 537 \times 3,296 &\approx \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \end{aligned}$$

$$\begin{aligned} 6. \quad 758 \times 4,093 &\approx \underline{\hspace{2cm}} \times \underline{\hspace{2cm}} \\ &= \underline{\hspace{2cm}} \end{aligned}$$

Use the Read–Draw–Write process to solve the problem.

7. Sana drinks from a bottle that holds 946 milliliters of water. She fills the bottle and drinks all the water in it twice each day.
- How many milliliters of water does Sana drink each day?

 - How many milliliters of water does Sana drink in 365 days?