Multiply Using Partial Products

Use partial products to multiply.			
Multiply. 7 $ imes$ \$332			
Step 1 Estimate the product.	332 rounds to 300; $7 \times $300 = \frac{$2,100}{.}$		
Step 2 Multiply the 3 hundreds, or 300, by 7.	\$ 3 32 <u>× 7</u>	or	\$300 <u>× 7</u> \$2,100
Step 3 Multiply the 3 tens, or 30, by 7.	\$3 3 2 <u>× 7</u>	or	\$30 <u>× 7</u> \$210
Step 4 Multiply the 2 ones, or 2, by 7.	\$33 2 ★ 7	or	\$2 × 7 \$14
Step 5 Add the partial products.	\$2,100 + \$210 + \$14 = <u>\$2,324</u>		
So, $7 \times $332 = $2,324$. Since \$2,324 is close to the estimate of \$2,100, it is reasonable.			

Estimate. Then record the product.

