## **Multiply with Regrouping**

Estimate. Then use regrouping to find 28 $ imes$ 43.					
Step 1	Round to estimate the product.	30 × 40 = 1,200			
Step 2	Think: $28 = 2$ tens 8 ones. Multiply 43 by 8 ones. $8 \times 3 = 24$ . Record the 4. Write the regrouped 2 above the tens place.	∠ 43 × 28 344 ←	- 8 × 43		
Step 3	Multiply 43 by 2 tens. $20 \times 3 = 60$ and $20 \times 40 = 800$ . Record 860 below 344.	$\overset{\varkappa}{43}$ $\times 28$ 344			
Step 4	Add the partial products.	<u>860</u> ← 1,204 ←	- 20 × 43 - 344 + 860		
So, 28	× 43 = <u>1,204</u> . 1,204 is close to 1,3	200. The answer is	reasonable.		

## Estimate. Then find the product.

1 Estimate:	2 Estimate:	3 Estimate:
36	43	51
<u>× 12</u>	<u>× 29</u>	<u>× 47</u>