

$$34 \times 12$$

$$30 \times 10 = 300 \quad \text{Estimate}$$

Bryanng

$$34 \times 12$$

(X) 30 + 4

10	10x30 300	4x10 40
2	30x2 60	4x2 8

360 + 48  
+ 48  

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408

I use the array so I can picture the size of the #. I break it up into smaller problems so it's easier.

Christian

$$34 \times 12$$

$$34 = (30 + 4)$$

$$\times 12 = (10 + 2)$$

	8	= 4 × 2
	60	= 2 × 30
	40	= 10 × 4
+	300	= 10 × 30
<hr/>		
	408	

It was easier to solve smaller problems to get the bigger problem.

Zack

$$34 \times \textcircled{12} \rightarrow 10 + 2$$

$$\text{Estimate} = 30 \times 10 = 300$$

$$\begin{array}{r} 34 \\ + 34 \\ \hline 68 \end{array}$$

$$\begin{array}{r} + 34 \times 10 = 340 \\ + 34 \times 2 = 68 \\ \hline 34 \times 12 = 408 \end{array}$$

I chose this strategy b/c the #'s were easier to work with when they were smaller.