



Area Model Multiplication #2 ✖

Answer Key

$$35 \times 12 = \underline{420}$$

Step 1

Write each number in expanded form.

	30	5
10		
2		

Step 2

Multiply to find each of the partial products.

	30	5
10	300	50
2	60	10

Step 3

Add the partial products.

	30	5	
10	300	50	300
2	60	10	50
			60
			+ 10
			<u>420</u>

$$a. 65 \times 75 = \underline{4,875}$$

	60	5
70	4,200	350
5	300	25

$$c. 15 \times 15 = \underline{225}$$

	10	5
10	100	50
5	50	25

$$b. 18 \times 42 = \underline{756}$$

	10	8
40	400	320
2	20	16

$$d. 74 \times 83 = \underline{6,142}$$

	70	4
80	5,600	320
3	210	12



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e. $95 \times 25 = \underline{2,375}$

	90	5	
20	1,800	100	
5	450	25	

f. $36 \times 32 = \underline{1,152}$

	30	6	
30	900	180	
2	60	12	

g. $52 \times 12 = \underline{624}$

	50	2	
10	500	20	
2	100	4	

h. $85 \times 71 = \underline{6,035}$

	80	5	
70	5,600	350	
1	80	5	

i. $62 \times 24 = \underline{1,488}$

	60	2	
20	1,200	40	
4	240	8	

j. $78 \times 37 = \underline{2,886}$

	70	8	
30	2,100	240	
7	490	56	