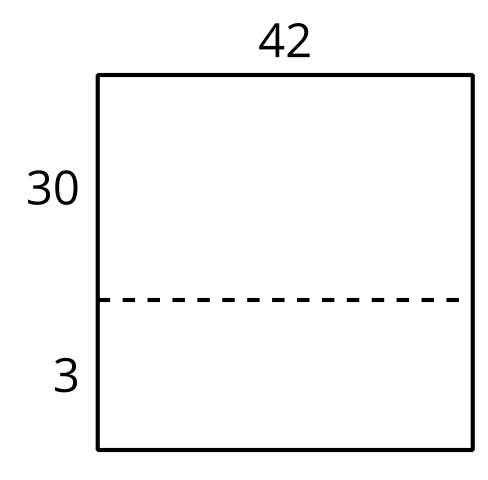
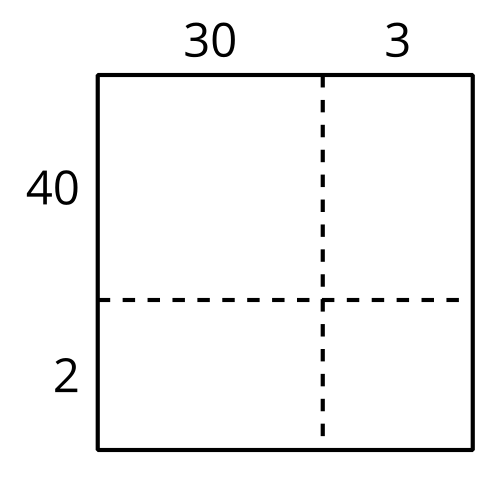
## Lesson 2: Partial Products in Diagrams

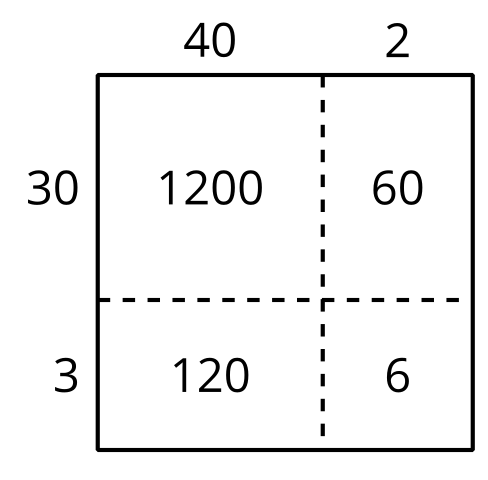
* Let's interpret diagrams that can help us find products.

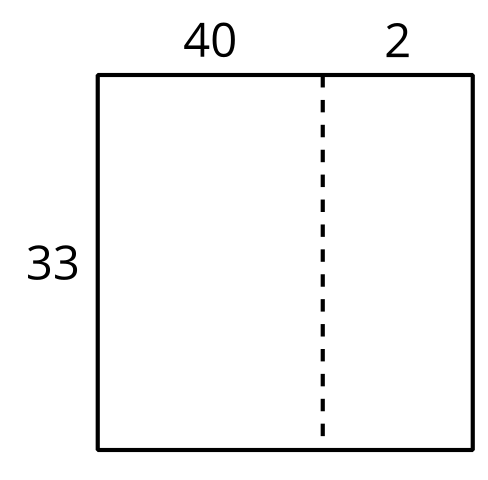
### Warm-up: Which One Doesn't Belong: Diagrams to Find Products

Which one doesn't belong?

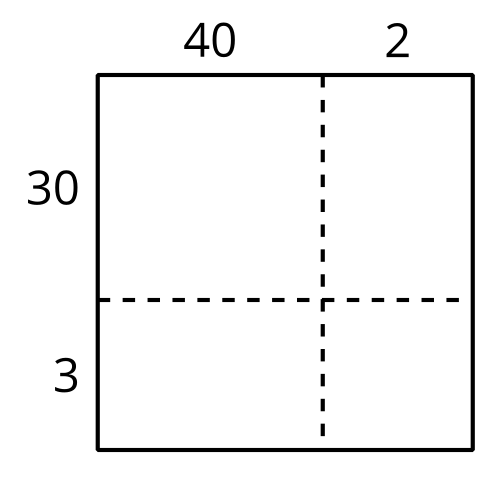
A

B

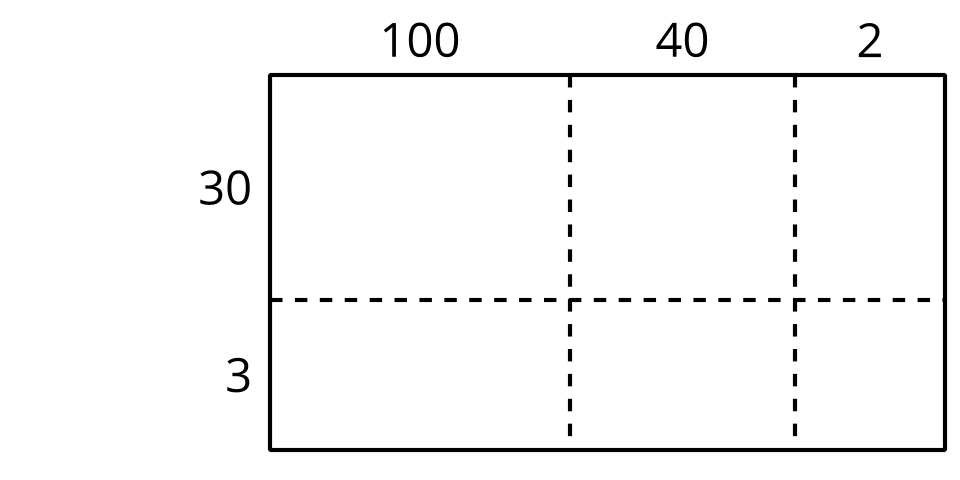
C

D

### 2.1: Decompose in Many Ways



1. Write the value of each product inside the rectangles.
2. Find the value of .
3. This diagram represents .

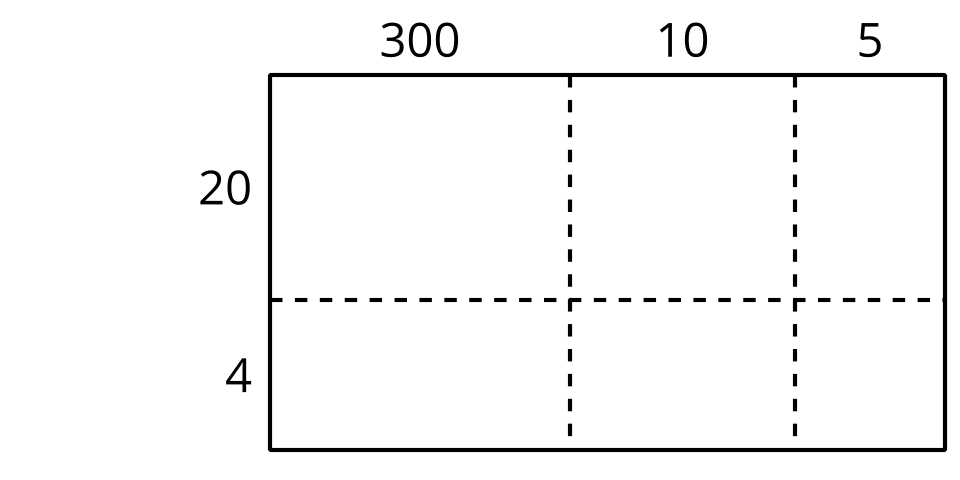
* 
* Write the value of each product inside the rectangles.

1. Find the value of .

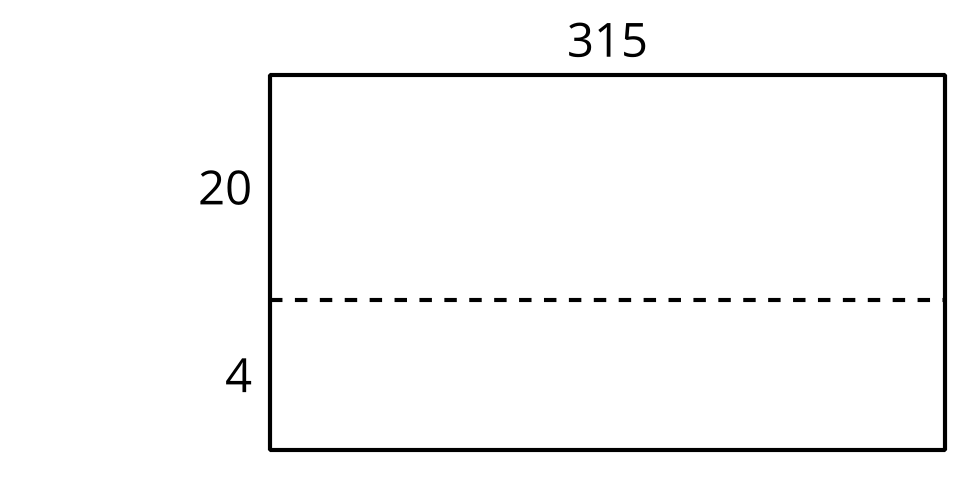
### 2.2: Calculate in Many Ways

Here are some different diagrams that represent . For each diagram, write a multiplication expression inside each rectangle to represent the product.

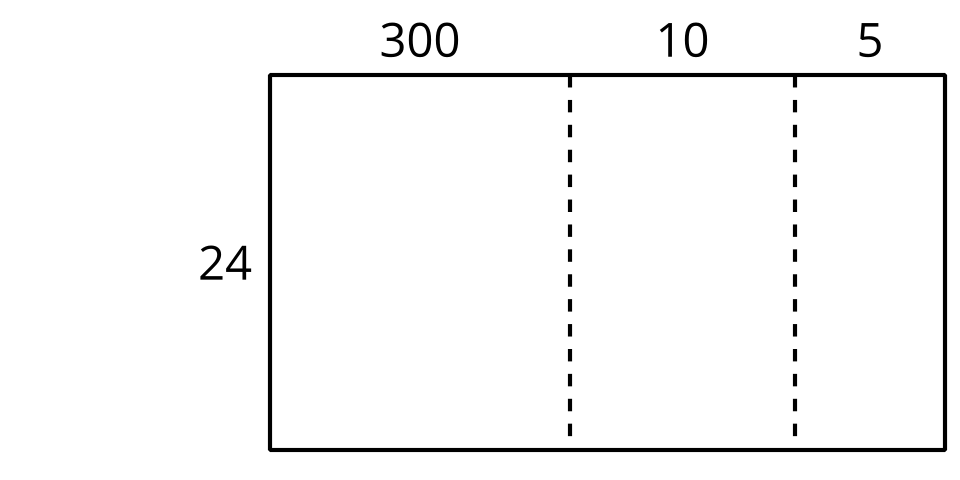


* 



* 



* 

1. Use one of the diagrams to find the value of .
2. Explain why you chose that diagram to find the product.



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