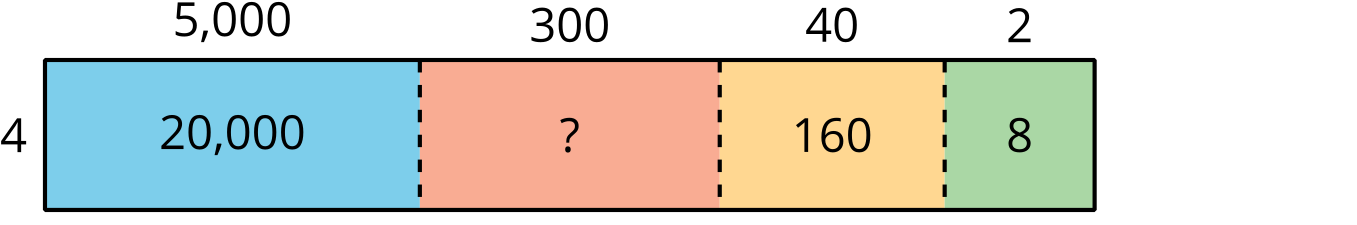
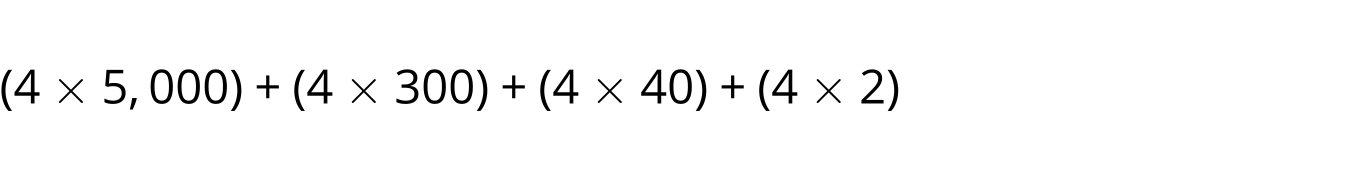
## Unit 4 Lesson 3: Partial Products in Algorithms

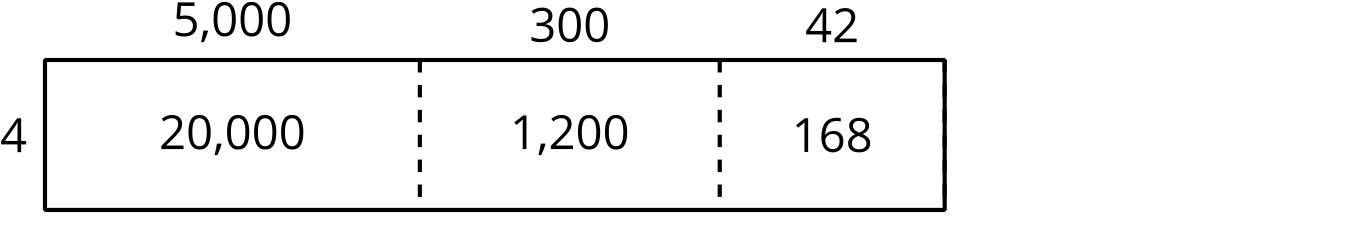
### WU Which One Doesn't Belong: Multiplying Large Numbers (Warm up)

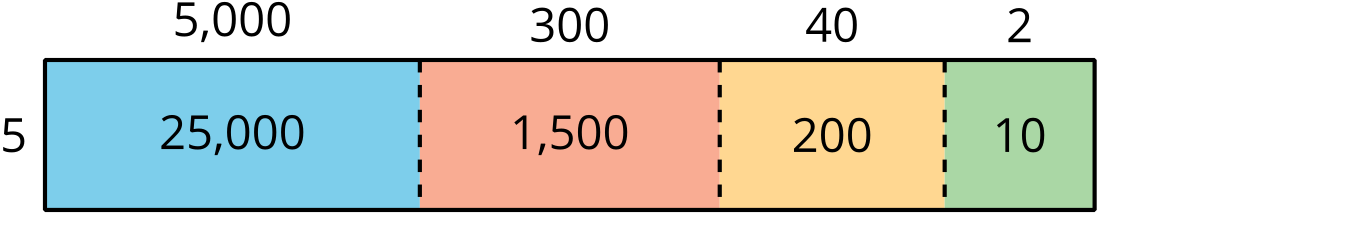
#### Student Task Statement

Which one doesn't belong?

A

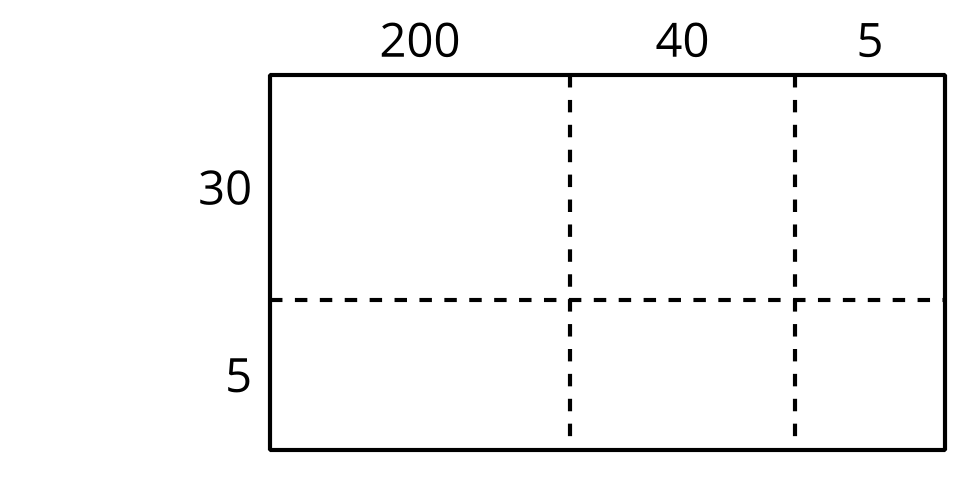
B

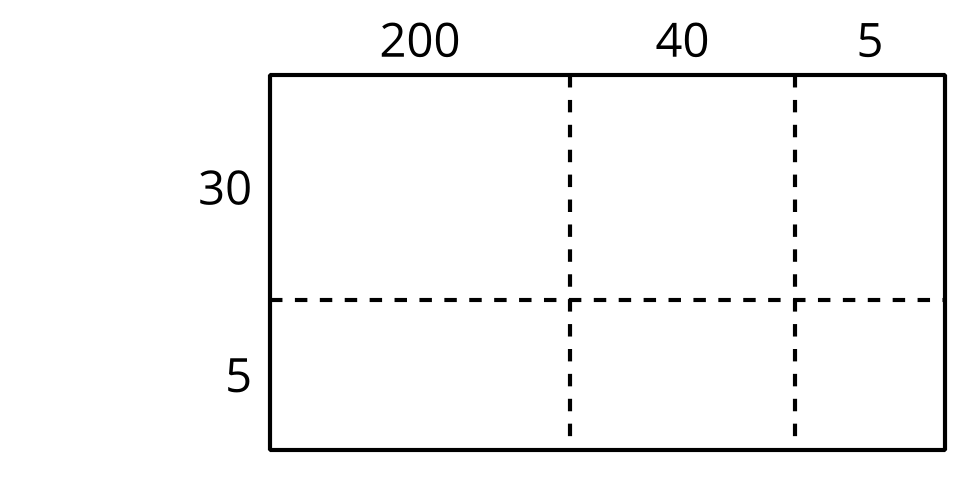
C

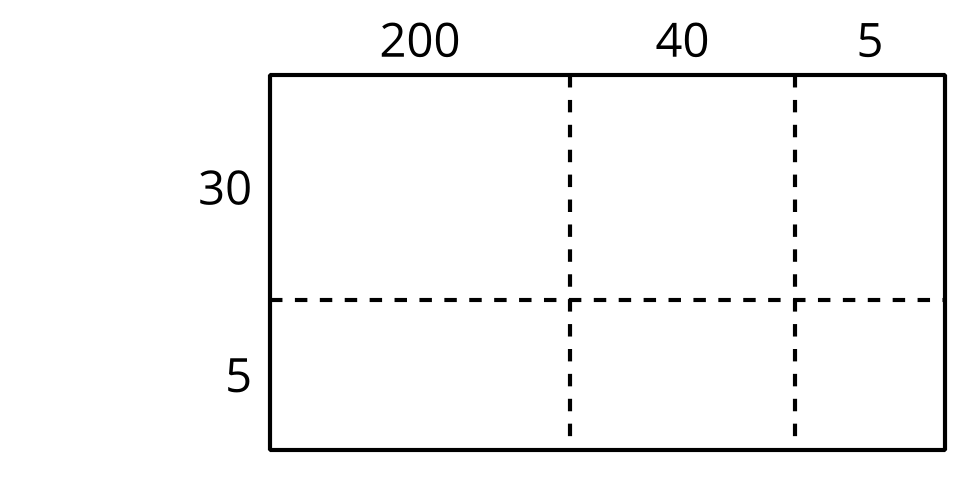
D

### 1 Partial Products Everywhere

#### Student Task Statement





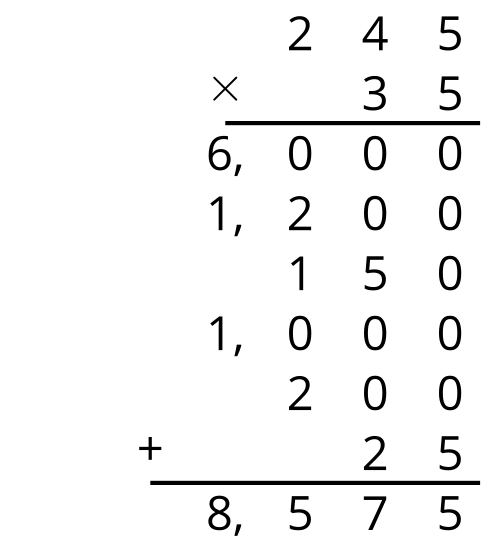


1. Take turns picking out a set of expressions that are equal to when added together. Use the diagrams if they are helpful.
2. Explain how you know the sum of your expressions is equal to .
3. What is the value of ? Explain or show your reasoning.

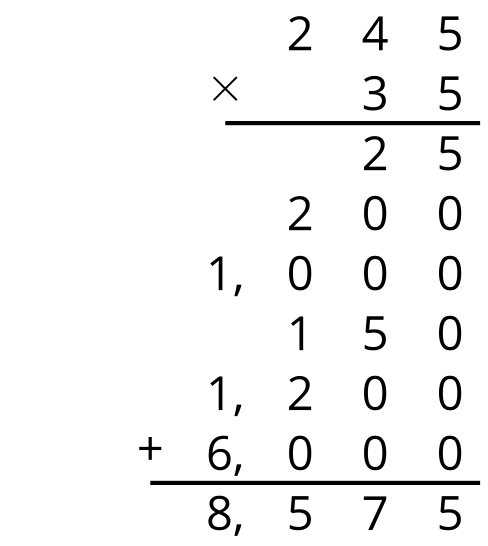
### 2 Record Partial Products

#### Student Task Statement

Andre



Clare



1. How are Andre’s and Clare’s strategies the same? How are they different?
2. Create a list of equations to match the partial products Andre and Clare found.



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