## Unit 6 Lesson 10: Using Algorithms with Partial Products: 2 Two-digit Numbers

### WU Number Talk: Products (Warm up)

#### Student Task Statement

Find the value of each expression mentally.

* $30×7$
* $15×14$
* $50×8$
* $25×16$

### 1 Partial Products, Recorded

#### Student Task Statement

1. Tyler used an algorithm to find the value of $64×87$.
* 
* How do you think he arrived at the last five numbers? Record your thinking. Be prepared to share it with a partner.
1. Use Tyler’s method to find the value of $31×15$. Then, draw a diagram to check your answer.

#### Activity Synthesis













### 2 Han’s Multiplication Mishap

#### Student Task Statement

1. Decide with your partner who will find each product. Show your reasoning.
* 
* 
1. Here is Han’s computation of $51×47$.
* 
	1. What error or errors did Han make?
	2. Show the correct computation for finding the value of $51×47$.
	+ 



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