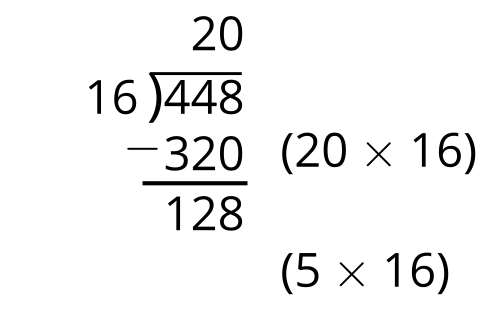
## Lesson 12: An Algorithm Using Partial Quotients

* Let's make sense of an algorithm using partial quotients.

### Warm-up: Notice and Wonder: Incomplete Solution

What do you notice? What do you wonder?

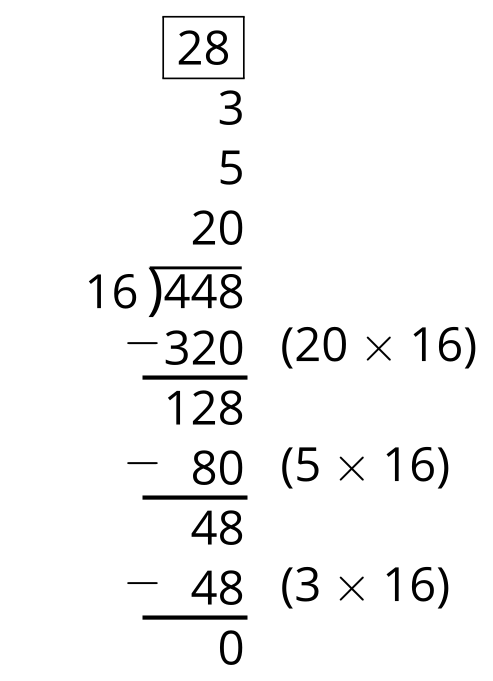


### 12.1: Elena’s Work

1. Find the value of . Show your thinking. Organize it so it can be followed by others.

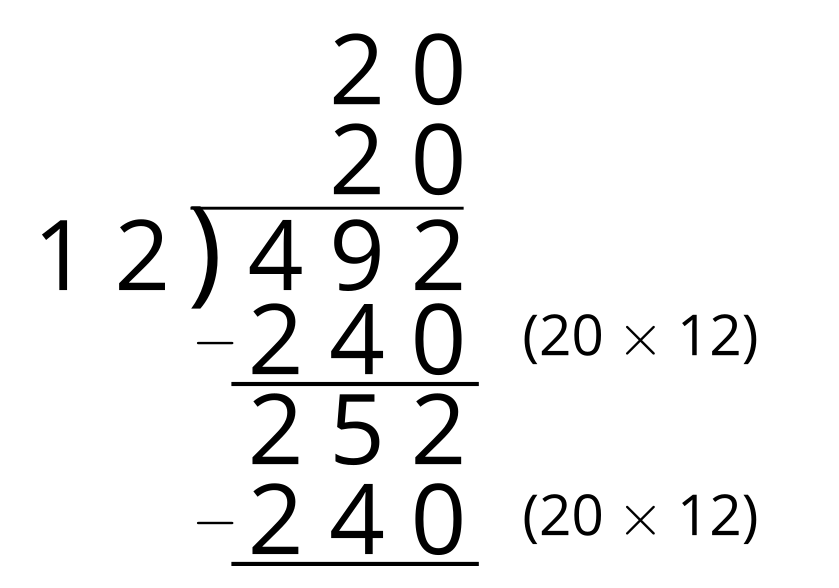
* (Pause for teacher directions.)

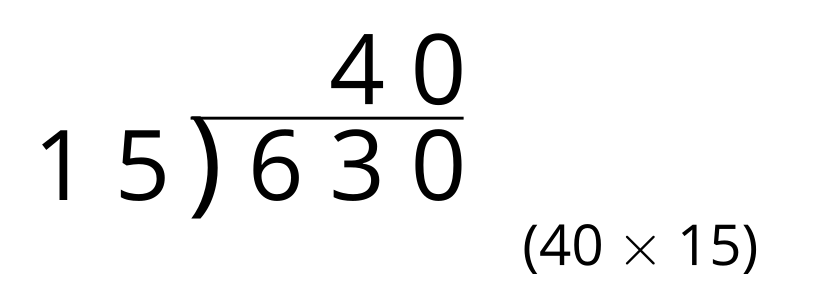
1. This is Elena’s work. Describe the steps Elena took to find the value of .

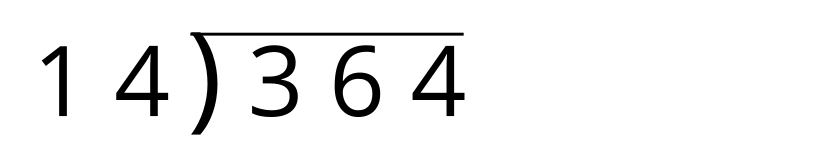
* 

### 12.2: Complete the Solution

Use Elena’s strategy to complete the following problems:

1.

2.

3.



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