## Lesson 13: Divide Using Partial Quotients

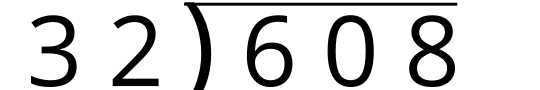
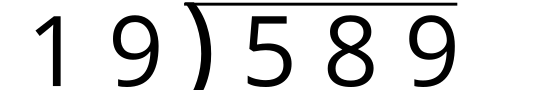
* Let's use an algorithm using partial quotients to divide three-digit and four-digit dividends by two-digit divisors.

### Warm-up: Number Talk: Divide

Find the value of each expression mentally.

### 13.1: Compare Solutions

1. Use an algorithm using partial quotients to find the value of one of the quotients. Be prepared to explain how you found the quotient.

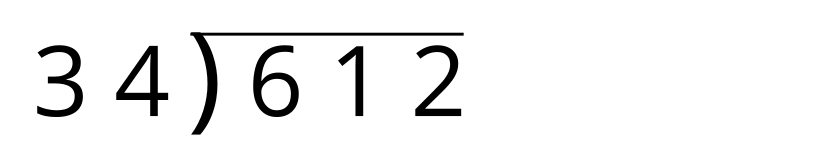
* Partner 1:
* Partner 2:
* 
* 

1. Explain to your partner how you found the value of the quotient.
2. Pair up with another group and compare your work.

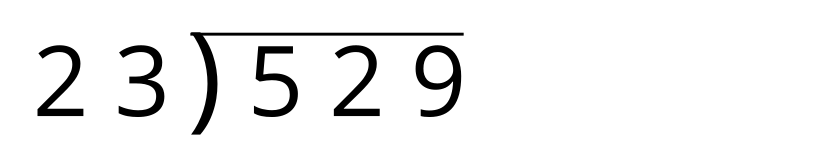
### 13.2: Estimate and Solve

Estimate the value of each quotient. Then, use an algorithm using partial quotients to find the value.

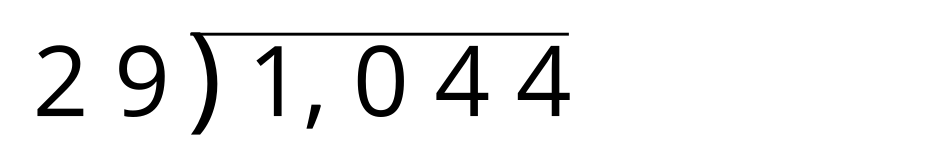
1. A reasonable estimate for is:

* 

1. A reasonable estimate for is:

* 

1. A reasonable estimate for is:

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