

Multiplying Three-Digit Numbers by Two-Digit Numbers

Here is a 3-digit by 2-digit multiplication problem.

$$176 \times 48$$

- 1 Think about the methods you know for multiplying 2-digit numbers. Tell or show how you would use one of those methods to solve this problem.

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- 2 Find the same product using a different method.

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- 3 Give one reason that a student would want to use the first method and one reason that a student would want to use the second method.
