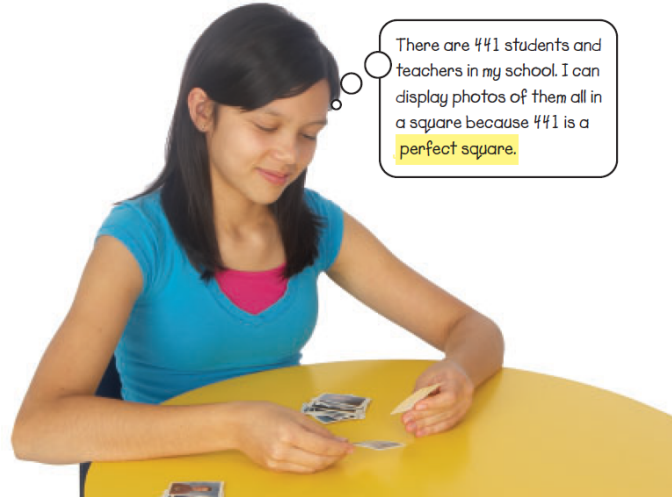


# 1.2

## Recognizing Perfect Squares

**GOAL**

Use a variety of strategies to identify perfect squares.



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**Perfect Square:** The product of a whole number multiplied by itself.

Ex) 36 is a perfect square because  $36 = 6 \times 6$

Ex) 16

**How to Determine if a Number is a Perfect Square:**

- Attempt to draw the square

Ex) Is 121 a perfect square?

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## Math 8 - 1.2 - Recognizing Perfect Squares

Ex) Is 484 a perfect square?

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### How to Determine if a Number is a Perfect Square:

- Using prime factors

Ex) 49

Ex) 484

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