Unit 9, Lesson 1

Fermi Problems

Let's make some estimates.

1.1 Ant Trek

An ant is running from Los Angeles to New York City. How long will the journey take?

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1.2 Stacks and Stacks of Cereal Boxes

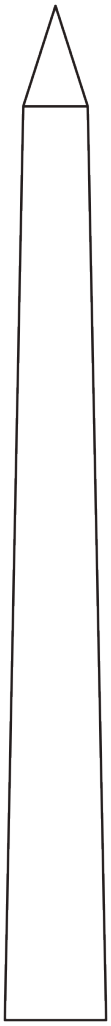
Imagine a warehouse that has a rectangular floor and that holds all of the boxes of breakfast cereal bought in the United States in one year.

If the warehouse is 10 feet tall, what could the side lengths of the floor be?



1.3 Covering the Washington Monument

How many tiles would it take to cover the Washington Monument?



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