Unit 9 Lesson 1: Fermi Problems

1 Ant Trek (Optional)

Student Task Statement

How long would it take an ant to run from Los Angeles to New York City?

2 Stacks and Stacks of Cereal Boxes (Optional)

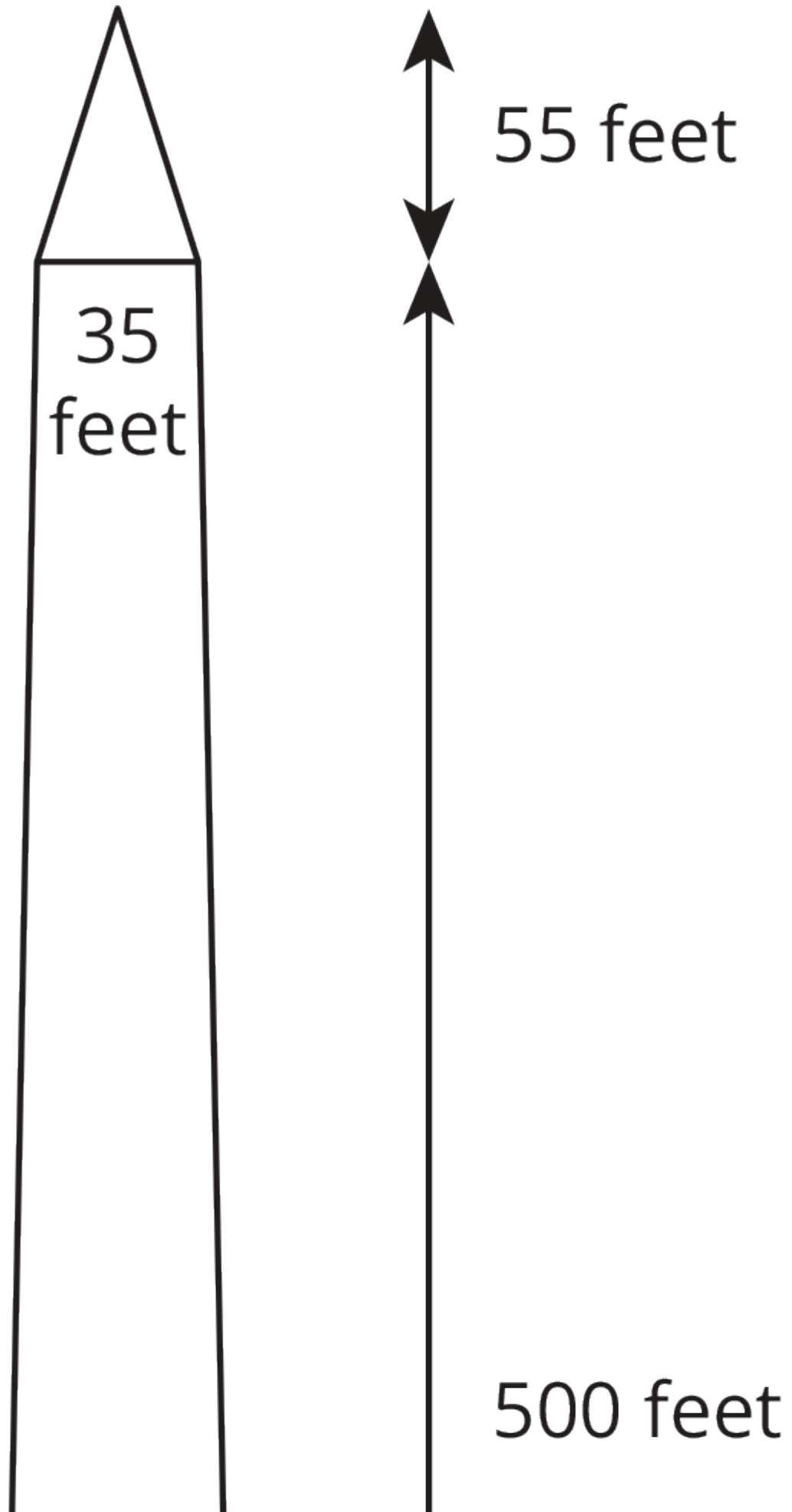
Student Task Statement

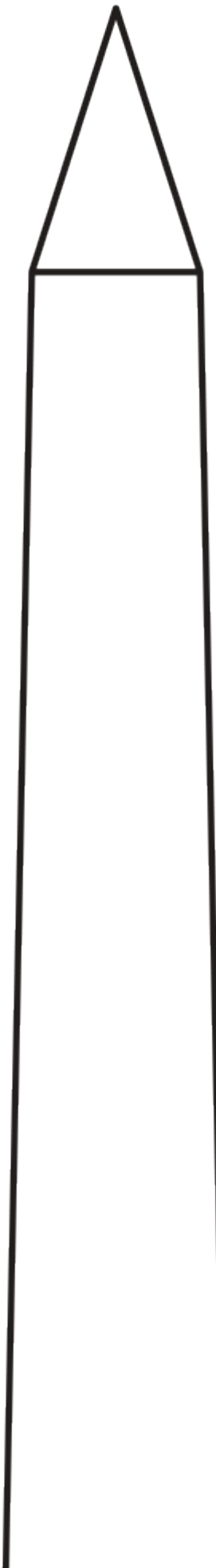
Imagine a warehouse that has a rectangular floor and that contains all of the boxes of breakfast cereal bought in the United States in one year.

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

3 Covering the Washington Monument (Optional)

Images for Launch


55 feet
35
feet
500 feet

Student Task Statement

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