Unit 8, Lesson 15

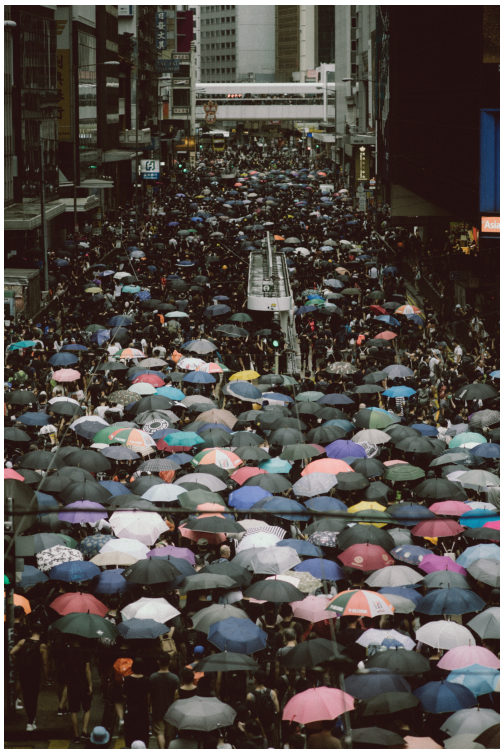
Estimation Exploration

Let's create an *Estimation Exploration*.

Warm-up

Estimation Exploration: Umbrellas

How many umbrellas?



Record an estimate that is:

too low	about right	too high

Activity 1

Design Your Estimation Exploration

1. Find an image that encourages your classmates to estimate the total number of an item using strategies for multi-digit multiplication.
2. Fill in the possible estimates students might make.

   Record an estimate that is:

too low	about right	too high

Activity 2

Facilitate Your Estimation Exploration

1. Display your image for your classmates.
2. Ask them, “What is an estimate that’s too high?” “Too low?” “About right?”
3. Give them a minute of quiet think time.
4. Give them a minute to discuss together.
5. Have them share estimates.
6. Record their ideas.