



**Grade 5 Unit 8**

Lesson 15

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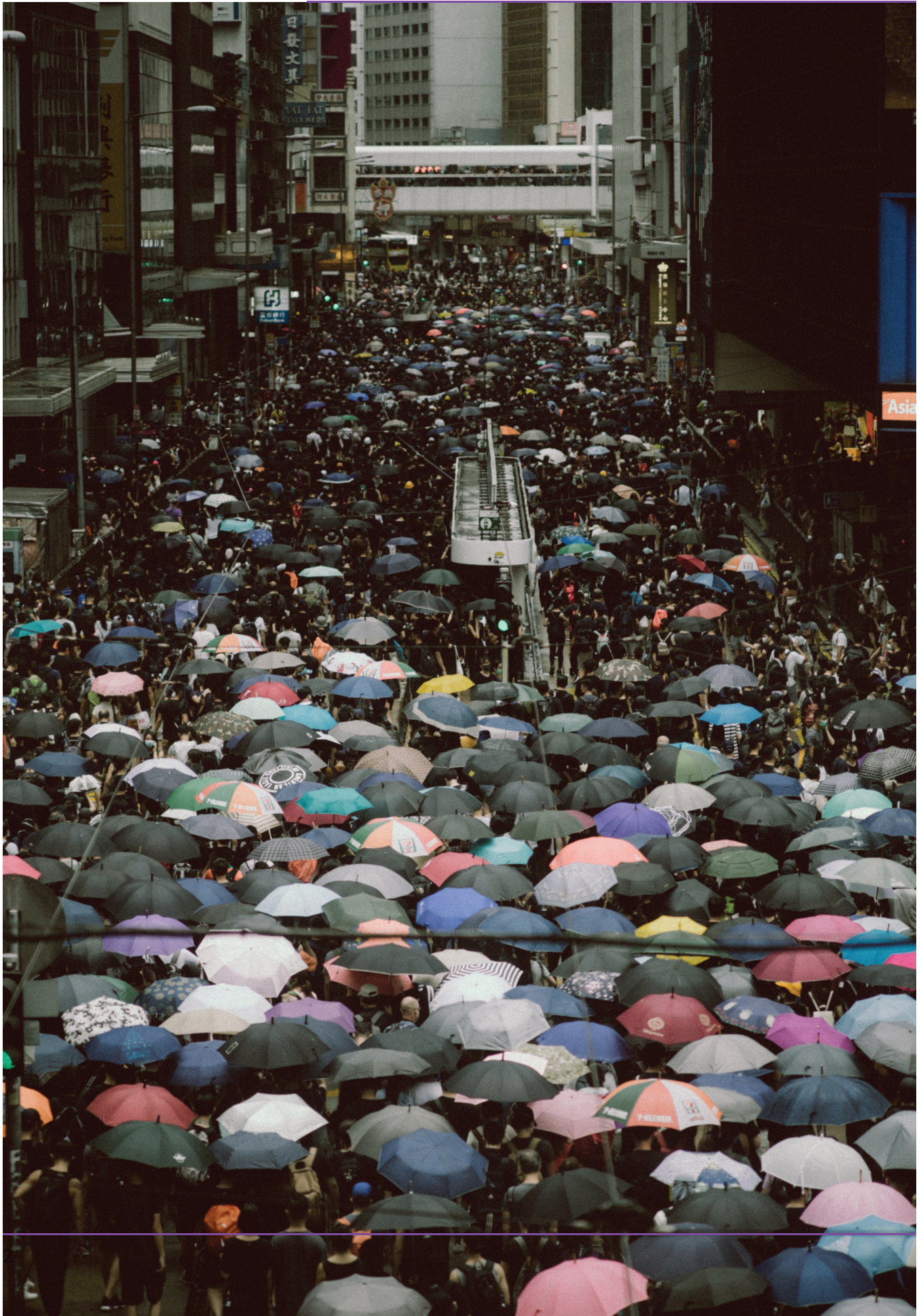
**Unit 8 Lesson 15: Estimation Exploration**

**WU Estimation Exploration: Umbrellas (Warm up)**

Student Task Statement

How many umbrellas are there?







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Record an estimate that is:

| too low | about right | too high |
|---------|-------------|----------|
|         |             |          |

## 1 Design Your Estimation Exploration

### Student Task Statement

1. Find an image that would encourage 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 |
|---------|-------------|----------|
|         |             |          |

## 2 Facilitate Your Estimation Exploration

### Student Task Statement

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.