

Lesson 14: Estimation Exploration

- Let's create an Estimation Exploration activity.

Warm-up: Estimation Exploration: Fractional Measurement

What is the length of this earthworm?



Record an estimate that is:

too low	about right	too high

14.1: Design Your Estimation Exploration

- Find an object or an image that would make an interesting estimation problem. Write a question that would encourage others to answer with a length estimated to the nearest half or fourth of an inch.

- Think about possible estimates others might make for the length of the object or image.

Record an estimate that is:

too low	about right	too high

- Measure the length of the object or image to make sure your estimates make sense. If needed, revise your estimates.

14.2: 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. Ask them to share their estimates.
6. Record their ideas.