



# Estimate the Volume of the World's Largest Wagon

Let's solve problems about volume.

## Warm-up

### Notice and Wonder: The Big Red Wagon

What do you notice? What do you wonder?



Activity 1

Anatomy of an Estimate

- 1. What measurements do you need to accurately estimate the volume of the wagon?



- 2. What units would you use to measure the wagon? Explain your reasoning.

- 3. Record an estimate for the volume of the wagon that is:

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

- 4. What can you use in the picture to refine your estimate?

## Activity 2

### Estimate the Size of the Big Red Wagon

1. Use the picture of the wagon to make a better estimate of the length, width, and height of the wagon bed.

Make sure to:

- Explain how you estimated each measurement.
- Include how accurate you think each estimate is.



2. Then improve your estimate for the volume of the wagon bed.