Unit 8, Lesson 7

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.