## Lesson 7: Estimating the Volume of the World’s Largest Wagon

* Let’s solve problems about volume.

### Warm-up: Notice and Wonder: Radio Flyer

What do you notice? What do you wonder?



### 7.1: Anatomy of an Estimate

1. What measurements would you take of the wagon to accurately estimate its volume?
* 
1. What units would you use to measure the wagon? Explain your reasoning.
2. Record an estimate for the volume of the wagon that is:

|  |  |  |
| --- | --- | --- |
| * too low
 | * about right
 | * too high
 |
| * $$
 | * $$
 | * $$
 |

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

### 7.2: Estimating the Size of the Radio Flyer

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
* 
1. Then improve your estimate for the volume of the wagon.



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