

Lesson 20: Shipping Trash

- Let's estimate volumes.

Warm-up: Number Talk: Three Factors

Find the value of each expression mentally.

- 8×4

- 8×8

- $8 \times 8 \times 2$

- $8 \times 8 \times 20$

20.1: What a Waste

1. Estimate the value of each quantity.
 - a. The number of cubic feet that the class recycling bin holds.

 - b. The number of cubic feet that the school recycling bins hold.

2. About how many cubic feet of recyclable materials do you think your school produces in each amount of time? Explain or show your reasoning.
 - a. a day

 - b. a week

 - c. a month

 - d. a year

3. Do you think all of the recyclable materials your school produces in a year could fit in your classroom? Show or explain your reasoning.

