

# Lesson 4: Solid Waste Takes Over – Lesson Extension Activity: How Much Garbage? Worksheet Answers

## Facts

- One person produces, on average, one ton of garbage per year.
- One ton is equal to 2,000 pounds.
- One garbage truck holds one ton of garbage.

## Questions

1. How much garbage do ten people make?

Ten people make 10 tons of garbage.

2. In the United States, there are about two hundred fifty million people.  
Two hundred fifty million looks like: 250,000,000.

3. How many tons of garbage do all the people in the United States make in one year?

All the people in the United States make 250,000,000 tons of garbage.

Write out that number in words: two hundred fifty million

4. How many pounds of garbage do all the people in the United States make in one year?

All the people in the United States make 500,000,000,000 pounds of garbage.

(Note: 250,000,000 tons/person X 2,000 pounds/ton)

Write out that number in words: five hundred billion pounds