

Lesson 19: Trash Talk

- Let's multiply to solve problems about the area of the Great Garbage Patch.

Warm-up: Notice and Wonder: Trash and Ice

What do you notice? What do you wonder?



19.2: So Much Trash

The Great Pacific Garbage Patch is a large area in the Pacific Ocean where trash has accumulated. Some estimates indicate that the garbage covers about 1,000,000 square kilometers.

1. Rhode Island is the smallest state. It is about 77 km long and 60 km wide. Which is larger, the garbage patch or Rhode Island? Explain or show your reasoning.
2. Delaware is about 154 km long and 48 km wide. Which is larger, the garbage patch or Delaware? Explain or show your reasoning.
3. New Mexico is about 596 km long and 552 km wide. Which is larger, the garbage patch or New Mexico?
4. Circle an area on the map of the U.S. that you think estimates the area of the garbage patch. Explain your thinking.

