Data Analysis for Beach Cleanup

Directions: Answer the questions in complete sentences.

1.) Name the trash item you predicted would litter our beach the most? Why?

I thought Plastic Pieces would be the most because lots of people eat at the beach.

2.) Based on our data compilation, what is the number one trash item to litter our local beach? What is the number two trash item?

Number 1 is Plastic Pieces
Number 2 is Food Wrappers

3.) Based on the top ten trash items found, did all the litter get left by beach goers? How do you know?

I think all got left by beach goers because people celebrate and eat on the beach

4.) Refer to the "International Coastal Cleanup" article you read, recall videos you have watched, and recall your beach cleanup experience to list five to ten types of trash that often end up in our oceans.

- Plastic Pieces
- Lids (Plastic)
- Straws
- Cigarette Butts
- Food Wrappers

5.) What do you call litter that ends up in the ocean?

Marine Debris

6.) **Describe** and **sketch** a trash item your group found on the beach.
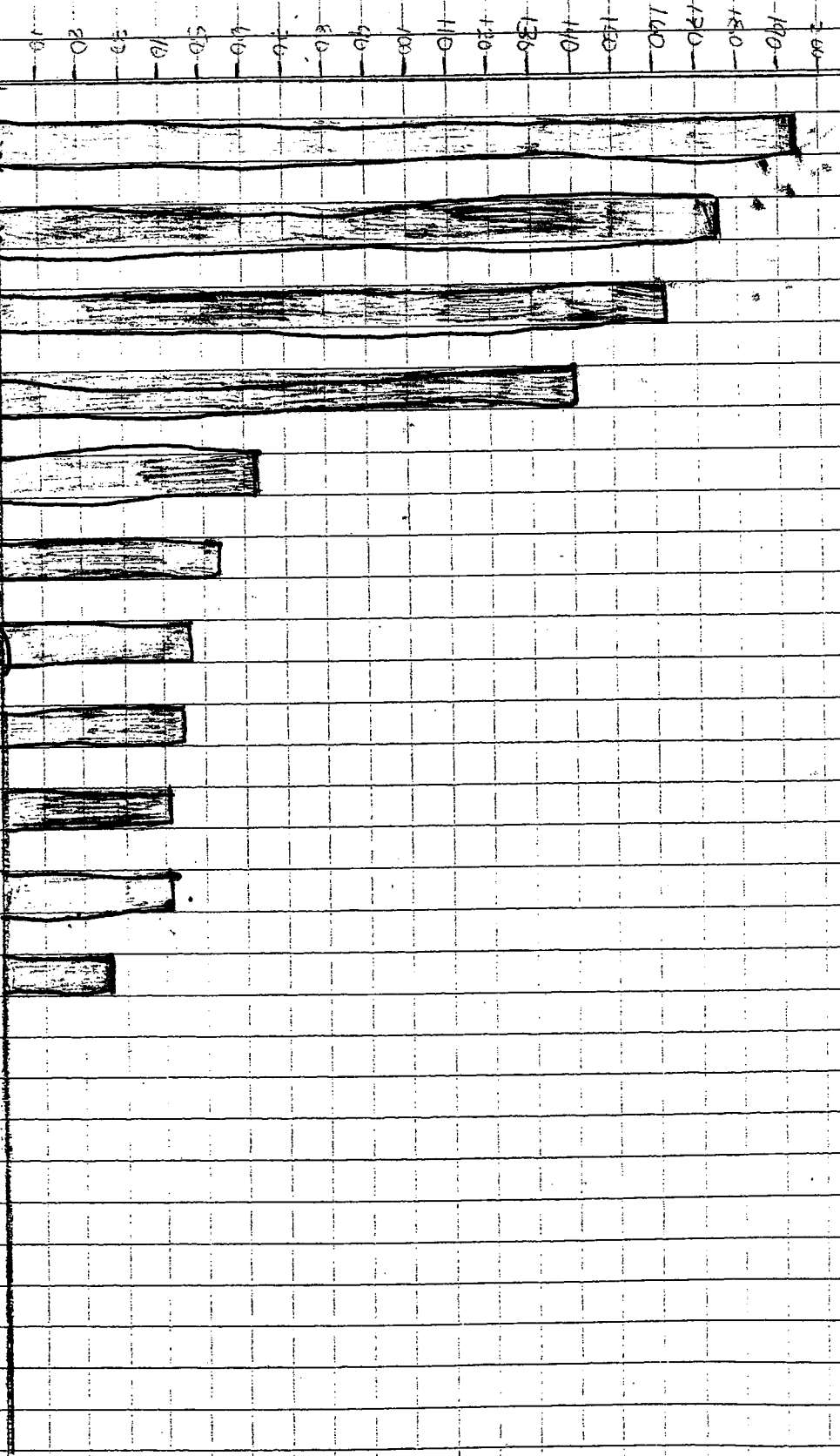
Dependent variable (DV)

Title: Number of Trash Pieces

Title: The Affect of Types of Trash on Number of Trash Pieces

Y-axis

.10

20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180

Types of Trash (Independent Variable (IV))

- Plastic Pieces
- Food Wrappers
- (plastic) Bottle Caps
- Cigarette Butts
- Straws/Stirrers
- (metal) Bottle Caps
- Lids (plastic)
- Tobacco Packaging
- Glass Pieces
- Condoms
- Balloons

X-axis

Types of Trash x-axis (IV)	Number of Pieces of Trash (y-axis (DV))
1 Plastic Pieces	195
2 Food Wrappers	176
3 Bottle Caps (Plastic)	163
4 Cigarette Butts	151
5 Straws/Stirrers	63
6 Bottle Caps (metal)	54
7 Lids (Plastic)	47
8 Tobacco Packaging / Wraps	45
9 Glass Pieces	42
10 Condoms	38
11. Balloons	

Exit Ticket: Fill in the blanks.

1.) Before the beach cleanup, I predicted that the most abundant trash item to be found on the beach would be _napkins and paper_ because _lots of people eat on the beach_

2.) Do you still feel that way? Yes or no? Why? _No I don't feel that way because I found more agarates butts_