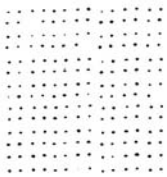
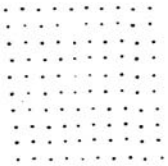
The Education Program at the
NJ Marine Sciences Consortium/NJ Sea Grant
22 Magruder Road Fort Hancock, NJ 07732 732-872-1300 njmsc.org

GRAIN SIZE – HOW BIG ARE THE SAND GRAINS?

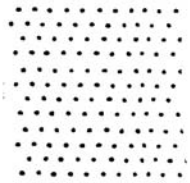
Using the diagrams below, estimate the general size categories of your sample. For example, you may observe a sample that has 50% size 6, 40% size 3, and 10% size 1. Any particles from 0.06mm to 2.0mm are considered to be sand.



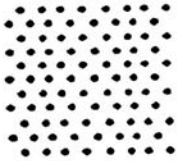
Size 1
0.1 mm



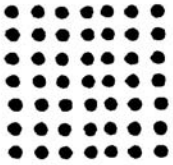
Size 2
0.25 mm



Size 3
0.5 mm

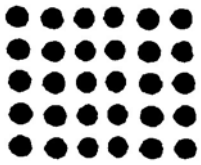


Size 4
1.0 mm

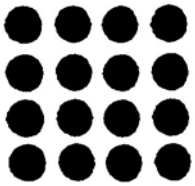


Size 5
2.0 mm

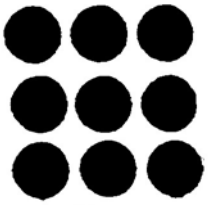
Particles larger than size 5 are considered gravel.



Size 6
3.0 mm



Size 7
5.0 mm



Size 8
7.0 mm

Using your sample, estimate the percentage of each grain size and enter it in the boxes below.

Size:	1	2	3	4	5	6	7	8
%								