

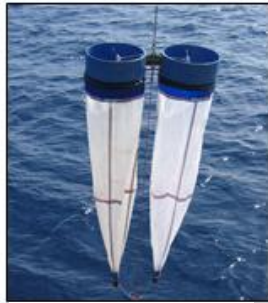
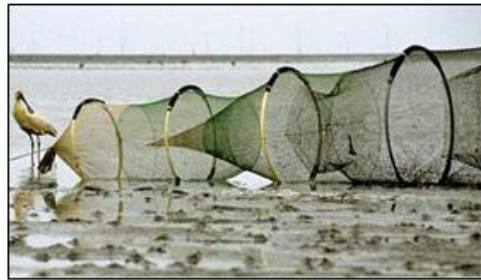
ANSWER

ANSWER

ANSWER

Round: 7B

1. Label each image on this page with the BEST and most SPECIFIC term that describes the main type of sampling gear shown (using the accompanying list of terms below). Terms cannot be used more than once. Some terms from the list will not be used.

*MOCNESS**Bongo Net**Neuston Net**Methot Trawl**Otter Trawl**Fyke Net**Gill Net**Light Trap*

2. a) What general category of marine organisms is collected by gear featured in images A & B?

*Both pieces of equipment are designed to sample small, planktonic organisms (1 pt).*

- b) What is the main difference between these two sampling devices in terms of their ability to collect samples? (3 pts)

*Each of the multiple nets on the MOCNESS system can be opened and closed independently in order to sample discrete patches of the water column (1 pt).*

*Bongo nets integrate samples throughout the entire sampling interval (1 pt) and provide replicate samples (1 pt).*