Question 1: Researchers are interested in the fish that reside in the Caspian Sea. They have plans to collect many fish and take multiple measurements on each. Match each statistical description on the right with each piece of information given. Put the letter of the statistical description in the blanks on the left.

circumference of the fish	(a) quantitative variable
species of the fish	(b) categorical variable
$_{}$ % of all fish studied that	
are < 10 cm long	(c) parameter: $\pi$
proportion of all fish in the	
area of consideration with teeth	(d) parameter: $\mu$
average length of all fish in	
the area of consideration	(e) statistic: $\hat{p}$
mean internal temperature	
of the fish collected in the sample	(f) statistic: $\bar{x}$
one of the fish in the area of	
consideration	(g) observational unit
method of only studying the fish	
caught in the net 3pm on Wednesday of the research time frame	(h) cluster sampling method
method of selecting 5% of each	
species, known to be in the area of consideration, for the sample	(i) stratified sampling method
method of dividing up the whole	
location with netting and sampling 10 random netted areas	(j) convenience sampling method