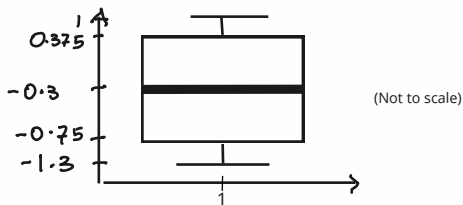


Session 02 group quiz

A vector of 10 randomly generated data points has the following statistics:

```
> x <- round(rnorm(10),1)
> x
[1] -0.8  0.3  0.9  1.0 -0.5  0.4 -1.3 -1.1 -0.1 -0.6
> summary(x)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
-1.300  -0.750  -0.300  -0.180   0.375   1.000
> sd(x)
[1] 0.8093893
```

1) Have each group member draw (on paper) a boxplot of the data contained in x. Then have one group member upload a cropped photo of their boxplot below (remember to lock it down).



2) If each value in x were multiplied by -1.2 what would the resulting 3rd quartile be?

New 3rd quartile: $-0.750 * -1.2 = 0.9$