

1.

Done.

2. Use R to construct a stem-and-leaf plot of this data set:

{66, 66, 69, 74, 74, 75, 75, 76, 76, 76, 76, 78, 79, 79, 81, 81, 82, 83, 83, 84, 86, 87, 87, 92, 98}

```
> x <- c(66, 66, 69, 74, 74, 75, 75, 76, 76, 76, 76, 78, 79, 79, 81, 81, 82, 83, 83, 84, 86, 87, 87, 92, 98)
> x <- sort(x)
> stem(x)
```

The decimal point is 1 digit(s) to the right of the |

```
6 | 669
7 | 44556666899
8 | 112334677
9 | 28
```

Also, what is a fairly typical value, based on the stem-and-leaf plot?

It looks like 7 is a typical value, followed closely by 8.

3 Construct a dot plot of this data set: {2,3,3,0,12, 0,1,4,6,2, 0,6,5,9,8, 1,1,1,2,3, 10,4,5,5,1}

```
> x <- c(2,3,3,0,12, 0,1,4,6,2,  
0,6,5,9,8,1,1,1,2,3,10,4,5,5,1)  
> stripchart(x, method="stack",  
offset=0.5, at=0.15, pch=20)
```

