

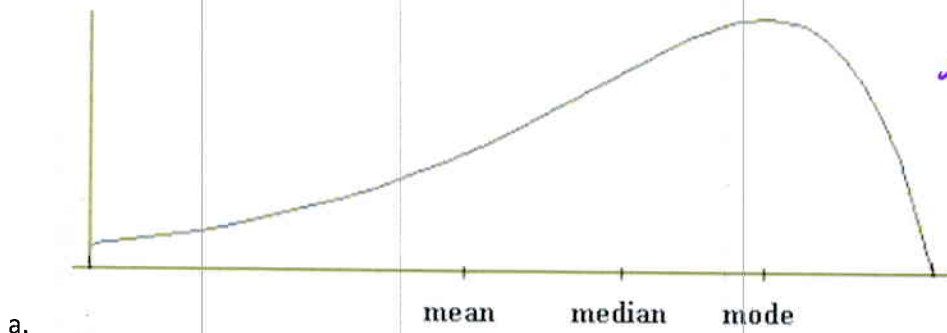
Instructions: Answer each question completely. Show all work for any computational questions.

1. A graph is shown below. Is it a "bad" graph? Why or why not? If you do consider it a bad graph, what guideline did it break?

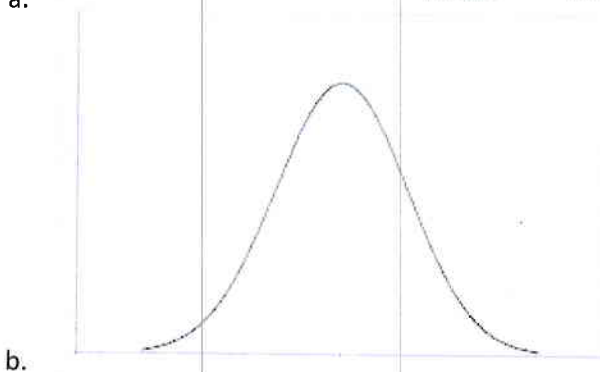


This is bad because the area goes up by 4 when height goes up by 2 so its misleading.

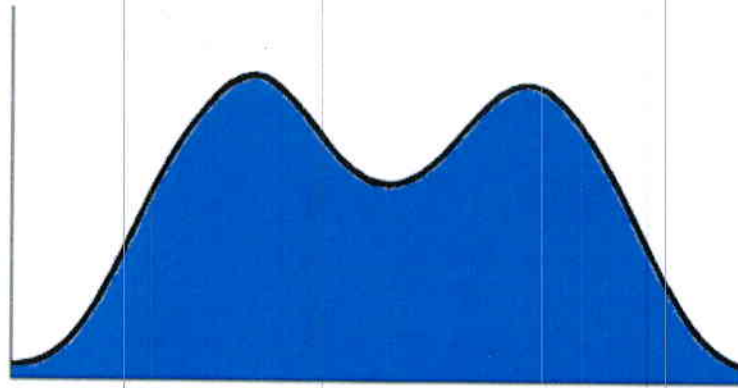
2. Label each graph below as (roughly) symmetric, right-skewed or left-skewed.



left-skewed

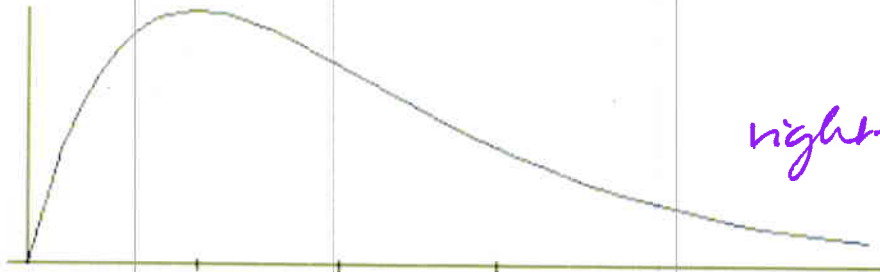


Symmetric



Symmetric

c.



right-skewed

d.

mode median mean

3. Create a stemplot of the data given in the table. Create a key that tells you how to read the graph.

15	21	34	35	35	39	42	44	46	46
47	47	48	53	54	55	56	60	67	69
70	72	73	79	88	89	94	99		

```

1 | 5
2 | 1
3 | 4 5 5 9
4 | 2 4 6 6 7 7 8
5 | 3 4 5 6
6 | 0 7 9
7 | 0 2 3 9
8 | 8 9
9 | 4 9
  
```

Key
9 | 9 = 99