

Quiz: Organizing and Interpreting Data

An insurance agent has data on the monthly dollar amount (in hundreds) of insurance policies that he has sold. The data is as follows:  
10, 12, 16, 17, 13, 11, 15, 18, 14, 18, 20, 16

1 Complete the chart below showing tally

Amount Interval	Tally
10-11	
12-13	
14-15	
16-17	
18-19	
20-21	

2 Complete the chart below showing frequency

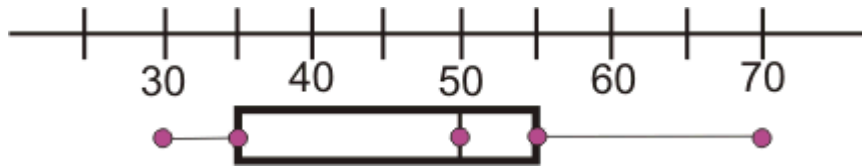
Amount Interval	Frequency
10-11	
12-13	
14-15	
16-17	
18-19	
20-21	

3 Complete the chart showing cumulative frequency.

Amount Interval	Cumulative Frequency
10-11	
12-13	
14-15	
16-17	
18-19	
20-21	

4 Draw the cumulative frequency histogram.

5 Draw the frequency histogram.



According to the box-and-whisker plot shown above, what are the following :

- 6 The median?
- 7 The first quartile?
- 8 The third quartile?
- 9 The minimum value?
- 10 The maximum value?

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%