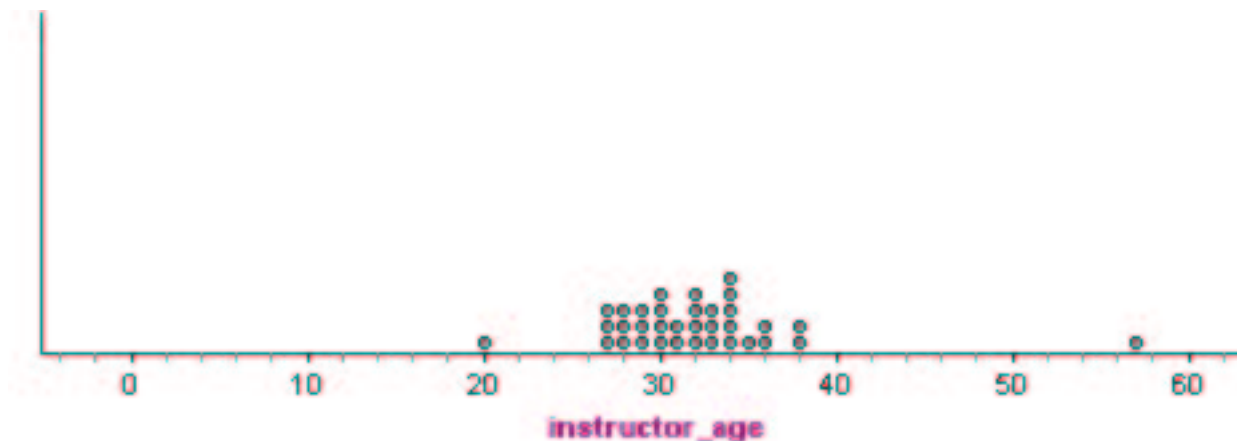


NAME: _____

On day one of this class you guessed my age. Here is a dotplot of your guesses.



Class Interval	Frequency	Relative Frequency
20 to < 27		
27 to < 30		
30 to < 33		
33 to < 36		
36 to < 39		
39 to < 58		

(1) Complete the following table.

(2) What proportion of you thought that I was at least 36?

(3) What proportion of you thought that I was less than 30?

(4) Since the class intervals have bars of unequal width, you must use density on the vertical axis of a histogram.

(a) Which class interval will have the shortest bar? What will its height be? SHOW YOUR WORK.

(b) Which class interval will have the tallest bar? What will its height be? SHOW YOUR WORK!