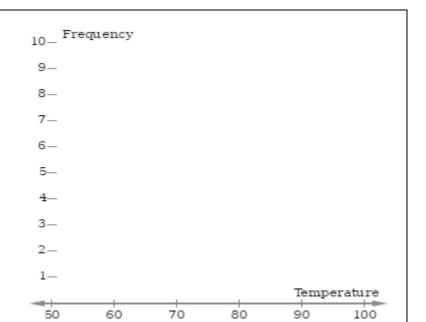
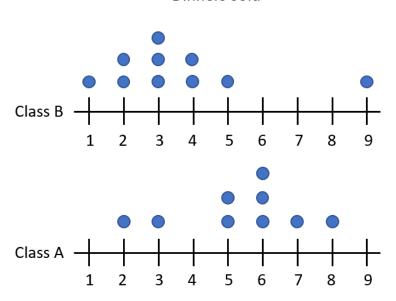
1. Use the provided axes to **construct** a histogram of the data set.

56, 58, 60, 61, 67, 72, 80, 85, 85, 89, 99



2. **Select** whether the statistic is greater for class A, class B, or impossible to determine.

Dinners Sold



	Greater for Class A	Greater for Class B	Impossible to Determine	
Mean dinners sold				
Median dinners sold				
Range of dinner sold				

3.	3: Outcomes, Events, and Sample Spaces [S-CP.1] A high school Biology class has 32 students. Of these, 18 are in Algebra 1, 7 are in Geometry, 5 are in Algebra 2, and the remainder have no math class. Suppose that a person is selected at random from the class.					
	Select True or False for each statement.	TD.	- F.I			
	1	True	False			
	The probability that the student is in Algebra is less than $\frac{1}{2}$.					
	The probability that the student is in Geometry or Algebra 2 is $\frac{12}{32}$.					
	The probability that the student doesn't have a math class is $\frac{1}{16}$.					
Part (C: Conditional Probabilities & Independence [S-CP.2, S-CP.3, S-CP.4] A bag contains 6 green balls, 7 orange balls, and 2 red balls. Determine where the state of the state	hich is more li	kely to occur.			
	stifying your reasoning.					
	Scenario A: Randomly select a green ball from the bag, then selecting a second ball from the bag randomly and having it be red (without replacement).					
	Scenario B: Randomly select an orange ball from the bag three times in a row, returning the ball to the bag after each attempt (with replacement).					
5.	A car rental company purchases 65% Toyotas and 35% Hondas. It is know production defect while 6% of Hondas have a production defect.	n that 4% of 7	Toyotas have a			
	production defect while 6% of Holidas have a production defect.					
	Suppose one of the rental company's new vehicles is found to have a produprobability that it is a Honda. Show your work.	action defect.	Determine the			
ı						