bra Readiness SBAC Practi A: Categorical Data & Two Two teachers surveyed th		ey would prefer Pizza or Ic	
class trip.			C
	Mr. Smith's Class	Mrs. Jones' Class	Total
Prefer Pizza	12	20	
Prefer Ice Cream	18	16	
Total			
Determine			
A)how many students	surveyed prefer ice cream.		
B)how many students	were surveyed from Mrs. J	ones' class.	
C)the percent of studen	nts surveyed that prefer ice	cream.	
D)the percent of stude	nts surveyed from Mr. Smi	th's class preferring pizza	·
Convert the two-way tab	le from question 1 into a co	olumn-relative frequency t	able.

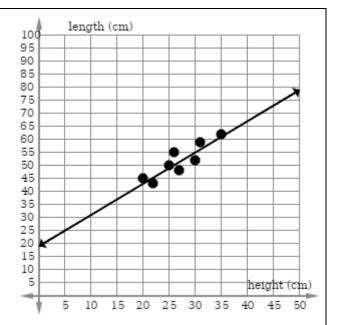
	Mr. Smith's Class	Mrs. Jones' Class	Total
Prefer Pizza			
Prefer Ice Cream			
Total			

3. **Determine** if there is an association between class and food preference using the column-relative frequency table above. **Justify** your reasoning.

Part B: Quantitative Data & Scatter Plots [8.SP.1]

- 4. The scatter plot shows the relationship between the height and length of several golden retrievers.
 - A) **Describe** the relationship between height and length.

B) **Determine** the approximate intercept of the line of best fit as a point (0, b).



C) **Determine** the approximate slope of the line of best fit.

5. **Plot** at least ten points on each graph below to fit the indicated description.

