DATA DISPLAYS
UNIT 2 TARGETS

SKILL	EXAMPLE	I THINK I WILL GET A...	ACTUAL TEST SCORE
I can complete a two-way frequency table.			

	High School Diploma	Bachelor's Degree	Master's/ Doctoral Degree	Total
Male	16	46	3	65
Female	12	51	3	66
Total	28	97	6	131

Complete the two way table above.

I can use two way tables to find percentages and possible associations.

The make up of a police station is shown in the two-way table below.

	Male	Female	TOTAL
Constable	56	23	79
Sergeant	8	5	13
Inspector	2	4	6
Chief Inspector	1	1	2
TOTAL	67	33	100

True or False: Women are twice as likely as men to be inspectors.

women: 4/33 ≈ 12%
men: 2/67 ≈ 3%
False they are actually 4 times as likely, not twice.

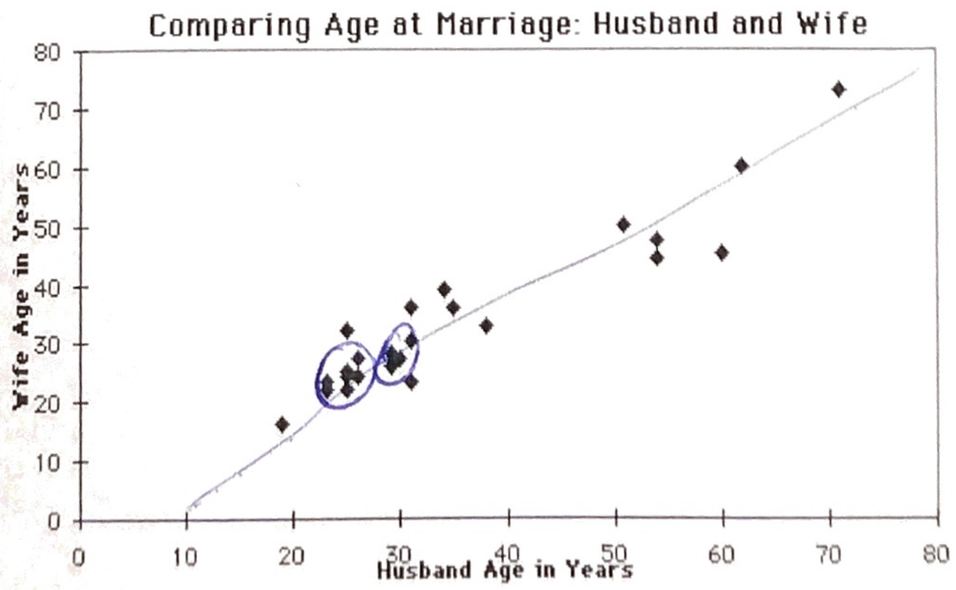
I can construct a scatter-plot.

Height (in.)	Weight (lb)
71	170
68	160
70	175
73	180
74	190

Use the given data to create a scatter-plot of the height and weight of the starting members of a basketball team.

see graph on following paper
(Title, IV, DV, Scaling, dots)

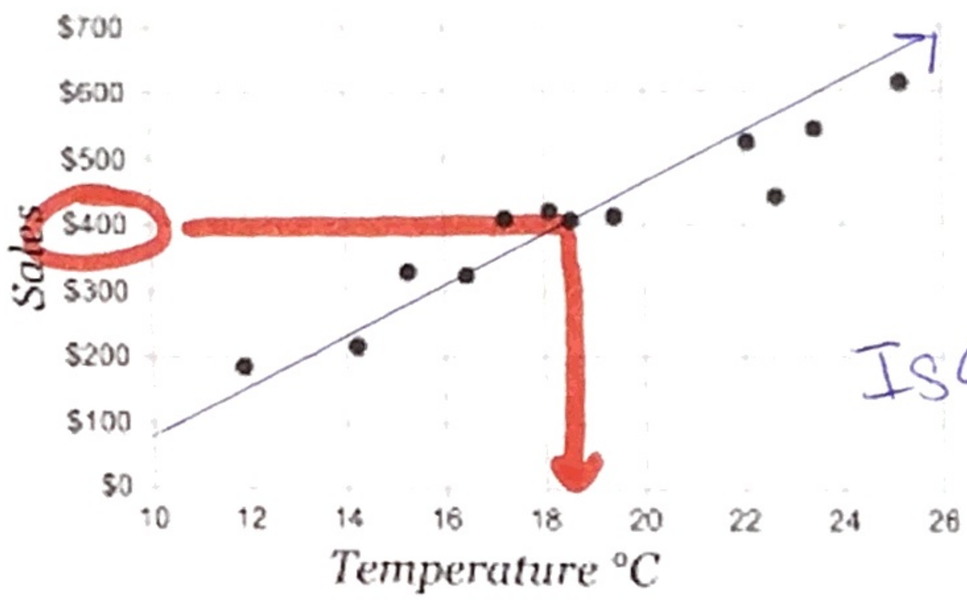
I can describe clustering and outliers.



Explain why the scatter-plot above has no outliers. Are there any clusters?

No outliers b/c they all follow the trend.

Yes there are Clusters (groups) They are circled.

I can describe positive and negative association.	Using the scatter-plot in the previous question, use good vocabulary to describe the relationship between the age of husbands and wives at the age of marriage.	As the husband's age increases, the wife's age increases so it is positive, linear, & strong to moderate correlation.	
I can describe linear and non-linear correlation.	Using the scatter-plot in the previous question, tell whether there is a linear or non-linear correlation.	Linear (it does not curve)	
I can identify functions from graphs and tables.	<table><tr><td>X</td><td>-2</td><td>0</td><td>-2</td><td>7</td><td>-8</td></tr><tr><td>Y</td><td>6</td><td>8</td><td>20</td><td>4</td><td>8</td></tr></table>  Which of the relations above is not a function? Explain.	Not a function b/c the ind. value -2 has more than 1 dep. value Is a function b/c each indep. value has 1 dep. value	
I can draw and use a line of best fit.	Draw a line of best fit on the scatter-plot above. Using your line, what is the expected temperature when the sales were $400? 18 to 19°C		
REFLECTION:			

** Is an essential standard that students will be remediated for if they do not score proficient.

5.0	Clearly and accurately shows understanding with no conceptual errors in reasoning or conclusions.
4.5	Clearly and accurately shows understanding with only calculation and/or copy errors.
4.0	Correct answer with no support Or One minor error in reasoning demonstrated.
3.5	Several minor errors in reasoning or conclusions
3.0	Shows some understanding but makes major errors in reasoning or conclusions.
2.5	Some mathematical effort is made but shows little understanding.
2.0	No Attempt or irrelevant answer

The Height Affects the Weight