MAT 223, Discussion Questions 8.26

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1. Give five examples of qualitative data that you could collect from your coworkers.
answers will vary:
yob title, marital status, do they like their boss?,
gender, gender identity, etc.
2. Give five examples of quantitative data that you could collect about your students.
ag, score on their last test, height, weight
of Siblings, etc.
answers will vary,
3. Give two examples of quantitative data that is discrete.
of Siblings, # of district passevorels you use
answers will vanz.
4. Give two examples of quantitative data that is continuous.
ag, income, height
anowers will vanz
5. Give two examples of data that is nominal (level of measurement).
answers will vary
gender, last degra earned

6.	Give two exam	ples of data that is ordinal (level of measurement).
	Likert S	scale, litter grades
	Give two exam	oralizative data that is interval (level of measurement).
8.		s arli vanj
0.		oles of quantitative data that is ratio (level of measurement).
9.	For each of the quantitative, is	following variables, determine if they are: a) qualitative or quantitative, b) if it is it discrete or continuous, c) is the level of measurement nominal, ordinal,
	i.	(give the highest level it could be). Temperature in Fahrenheit guanhtative, continuous, indeval
	ii. iii.	Numbers on soccer players' jerseys qualifative, nominal (not ordered) Hair colour qualitative, nominal
	iv.	GPA quantitature, continuous, interval
	v.	Height of buildings quantitative continuous, vatro
	vi.	Degrees on a compass needle quantilative, continuous, interval
	vii.	Degrees on a compass needle quantilative, continuous, interval Age quantitalise, continuous or discrete, valio (depends)
	viii.	Time spent running a maze quantitaline, continuous, vatio
	ix.	Gender gualilative, nominal

Skin cancer risk grantlatur or qualitatur (gexpressed as % chance) orderal continuous, ratio

10. What is the purpose of an institutional review board?

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to ensure that etheral standards are met when conducting experiments en people i.e. protect subjects in a Study.

11. Read the article at <a href="http://m.phys.org/news/2015-08-parents-math-anxiety-undermine-math-anxiety-underm children.html and write a short paragraph explaining how it related to the material in sections 1.2 and 1.3.