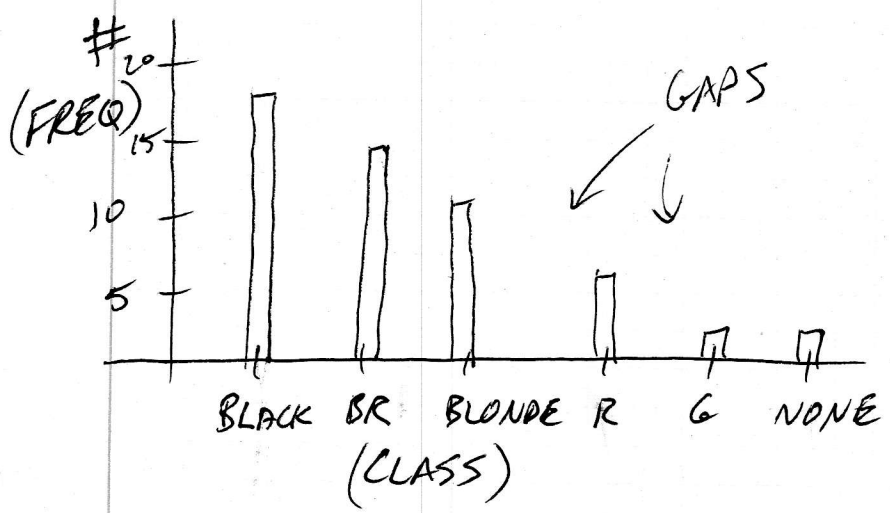


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# DEFINITIONS IN STATISTICS (ON WEB SITE)

## GRAPHING

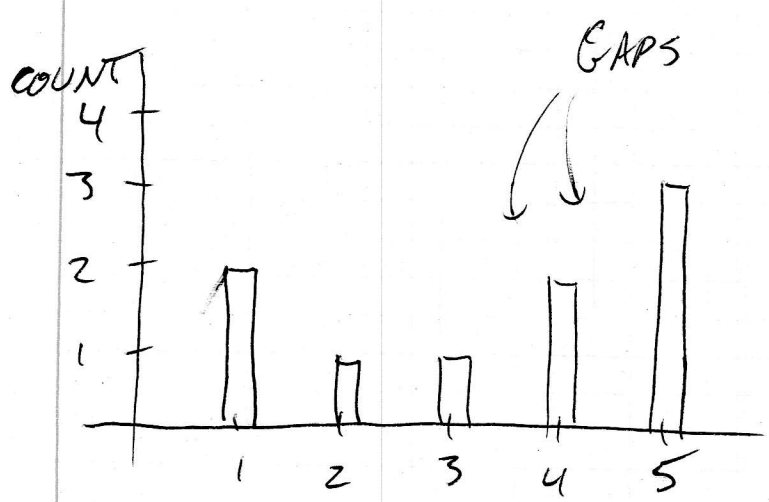
NOMINAL DATA, (DISCRETE)  
BAR GRAPH



# FREQ.	(CLASS) COLOR
17	BLACK
14	<del>BRUNETTE</del>
12	BROWN
7	BLONDE
2	RED
2	GRAY
2	NONE

DISCRETE NUMERICAL DATA  
BAR GRAPH

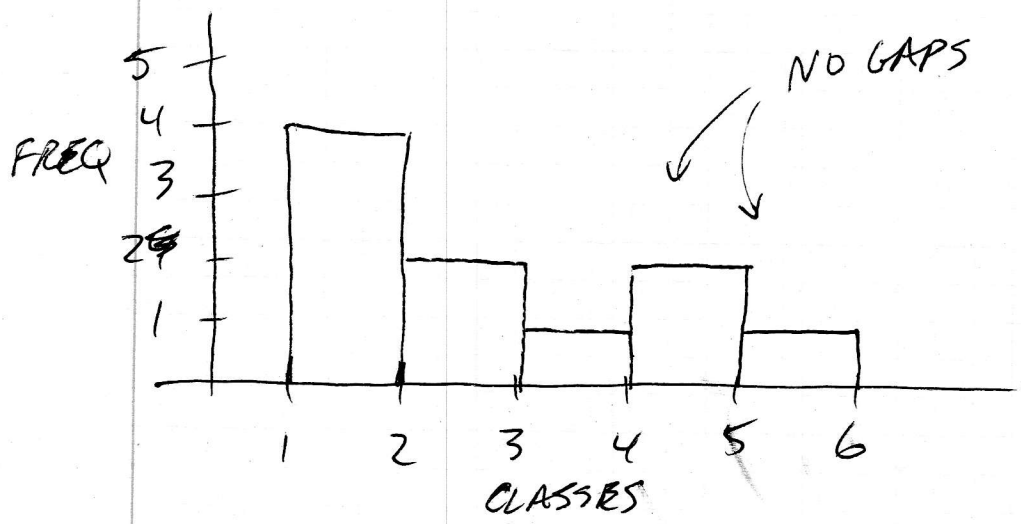
DATA: 1, 1, 2, 3, 4, 4, 5, 5, 5



COUNT	CLASSES
2	1
1	2
1	3
2	4
3	5

# CONTINUOUS NUMERICAL DATA HISTOGRAM

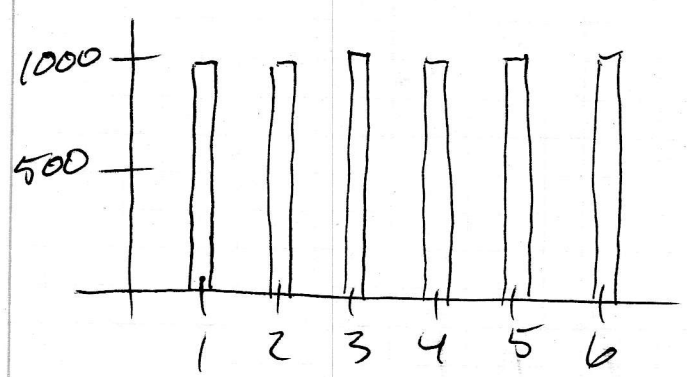
DATA: 1.1, 1.2, 1.3, 1.8, 2.0, 2.6, 3.1, 4.6, 4.8, 5.1



FREQ	CLASS
4	1-2
2	2-3
1	3-4
2	4-5
1	5-6

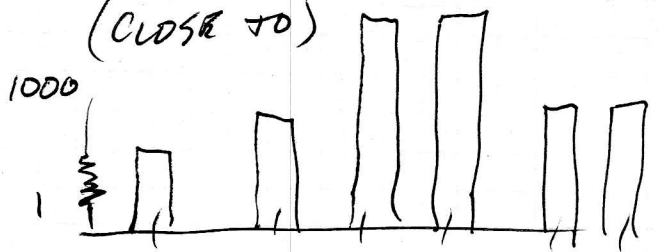
TYPICAL RULE:  
'PROMOTE  
'FENCE SETTERS'

## EXAMPLE: SINGLE DIE ROLL



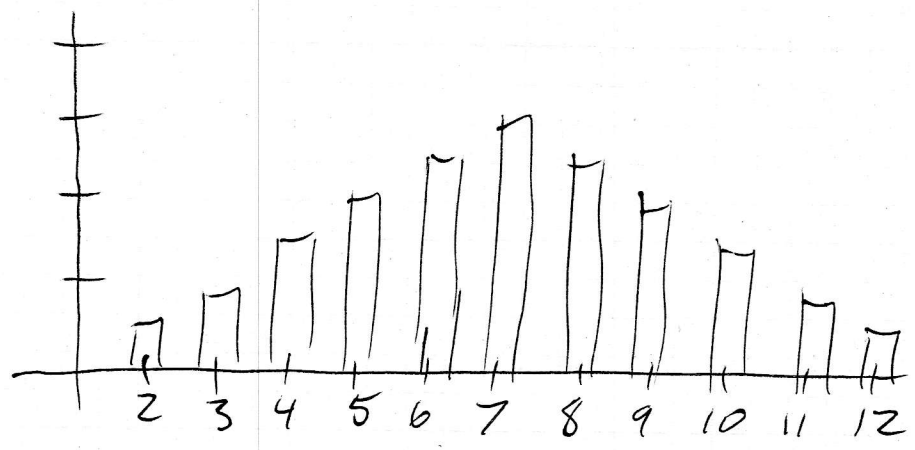
FREQ	CLASS
997	1
999	2
1002	3
1002	4
1000	5
1000	6

UNIFORM DISTRIBUTION  
(CLOSE TO)



← MISLEADING  
(BEWARE!)

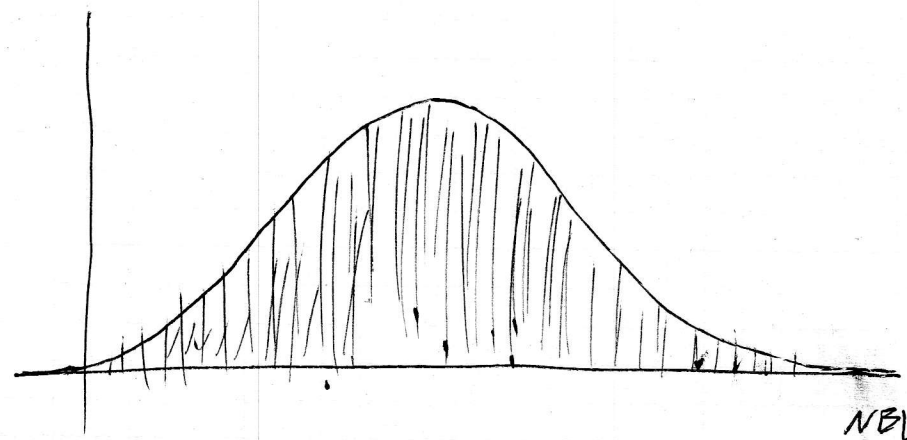
EXAMPLE:  
ROLLING 2 DICE



CENTRAL  
TENDENCY

SOMEWHAT NORMALLY DISTRIBUTED

A PERFECTLY NORMAL DISTRIBUTION



SYMMETRIC  
0 SKEWNESS

BELL CURVE  
NORMAL CURVE  
GAUSSIAN CURVE

NEVER TOUCHES  
X-AXES,  
BUT GETS VERY  
CLOSE

ASYMMETRY

