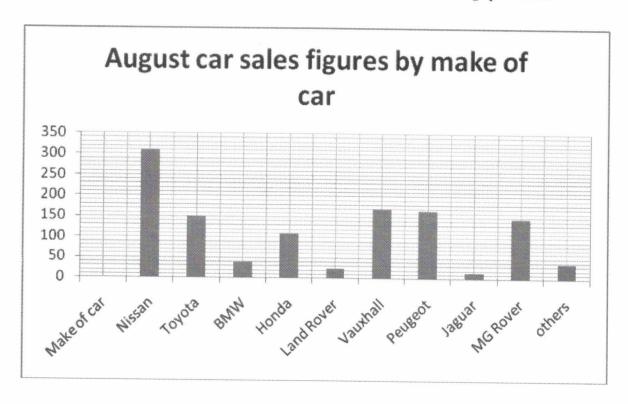
## DUE DATE: MONDAY, September 14, 2020 by 11:59 PM on Gradescope

1. Look at the following graph of car sales and answer the following questions:



- (a) What is the name of the above graph? Bar Graph
- (b) Which make of car was the most popular? (Nissan
- (c) Which 2 makes of car sold over 150 each? Nissan, Vauxhall
- (d) Which was the lowest selling make? Jaguar

## 2. Choose the correct answer:

48= x 3600 (a) If in the pie chart representing the number of students opting for different streams of study out of a total strength of 1050 and of study out of a total strength of 1650 students, the central angle of the sector representing Arts students is 48°, what is the number of students who opted for Arts stream?

((a) 220) (b) 240

(c) 275

(d) 320

(b) Mr. Bond's monthly income is \$2400 and his monthly expenditure on rent is \$250. The central angle of the sector representing rent expenses in the pie chart would be

(a)  $30^{\circ}$ = 37.5

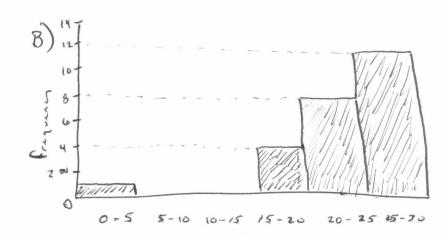
(b) 37.5° (c)  $45^{\circ}$ 

(d) 60°

3. The following scores represent the midterm examination grades for an elementary statistics course:

- (a) Construct a frequency table. Start your intervals at 0, and use bins of size 5.
- (b) Draw the histogram corresponding to your results in your frequency table.
- (c) Is the histogram skewed? If so, is it skewed to the left or right?
- (d) Is there any outlier? Explain

)	Class macroal	Freguency
	(0,5	\
	5,10	0
	10,15	0
	15,20	8
	20,25	12



c) The histogram is not symmetrical, it is skewers. The tail of the histogram lies on the Left side. The data is negatively skewers / left skewers

Them is no number in the data that is greater than 37.5, but 3 is his that 9.5 = 3 is an outlier