

7. Distribution of Beef Package Weights (in Pounds)

07	5
08	37999
09	2366789
10	688
11	56699
12	0148
13	8
14	1

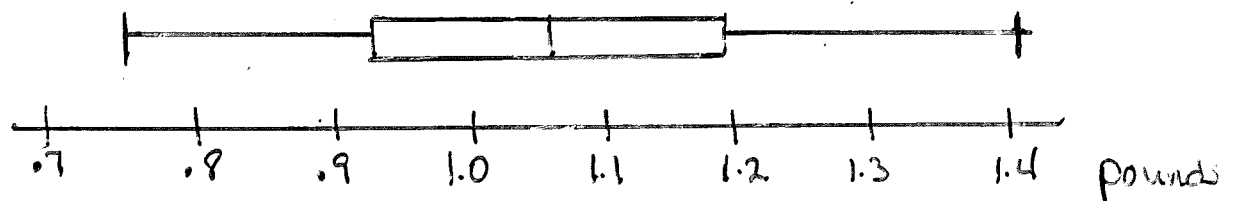
Legend $07/8 = .78$ lbs

$\bar{X} = 1.06$ Median = 1.06
Mode = .89

9.

5-number summary

.75 .92 1.06 1.19 1.41



Distribution of Beef Package Weights in Pounds

$X_{\max}(\text{mod}) = 1.595$

$Q_3 + 1.5(IQR)$

$X_{\min}(\text{mod}) = .515$

$Q_1 - 1.5(IQR)$

$IQR =$

$1.19 - .92$

Times to drive to College

1.49

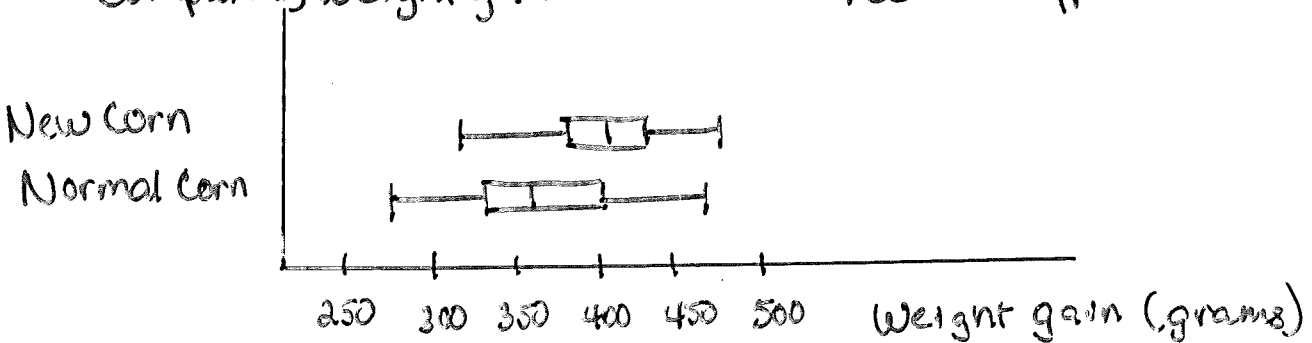
6	
6	8
7	44
7	88888999
8	01122333444
8	555667777888
9	000012
9	8
10	2
10	

$$8/5 = 85 \text{ minutes}$$

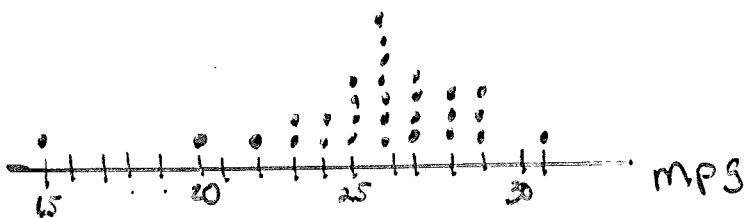
The distribution is roughly symmetric with no clear outliers.

1.51

Comparing Weight gains of Chickens Fed Two Types of Corn



1.52



Distribution of mileage ratings

frequency table
 $n = 89$ so... 7 classes $\frac{34-2}{7} = 4.5$ or 5

11.a)

Class Limits	Class Bound	Rel Freq	Mid-point	Cumul. Freq	Rel. Cumul. Freq
2-6	1.5-6.5	6	4	6	.07
7-11	6.5-11.5	6	9	12	.14
12-16	11.5-16.5	21	14	33	.38
17-21	16.5-21.5	18	19	51	.58
22-26	21.5-26.5	28	24	79	.89
27-31	26.5-31.5	6	29	85	.96
32-36	31.5-36.5	4	34	89	1.00

2nd → stats → ops → = 6

Cumm sum

2nd → stats → math → 5
 sum

