9.4 BOOK WORK ANSWERS WITH WORK PG. 416 #7-13 ODD **I PUT THE EVEN ANSWERS ON HERE ALSO, IN CASE YOU NEEDED EXTRA PRACTICE**

- 7. 39, 40, 44, 48, 49, 52, 54, 58, 62
 The least value is 39. The greatest value is 62. So, the range is 62 39 = 23.
- 8. 117, 127, 133, 146, 152, 168, 174 The least value is 117. The greatest value is 174. So, the range is 174 - 117 = 57.
- 9. 1.6, 3.4, 3.8, 4.2, 4.8, 5.5, 7.5, 8.9
 The least value is 1.6. The greatest value is 8.9.
 So, the range is 8.9 1.6 = 7.3.
- 10. The range of an unordered data set is not the difference between the first and the last value. The range is the difference between the greatest value and the least value. 35, 38, 41, 44, 48, 49, 51
 The range is 51 35 = 16.

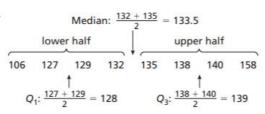
11.	lower half			Median:	37	upper half				
27	33	34	35	37	39	40	41	54		
$Q_1: \frac{1}{2} = 33.5$						$Q_3: \frac{40+41}{2} = 40.5$				

The interquartile range is $Q_3 - Q_1 = 40.5 - 33.5 = 7$.

12.	lower half				Median: 88			upper half				
				10.00		+		2010				
	75	76	84	85	87	88	90	91	92	94	99	
			1						1			
			Q1: 84	1			Q3: 92					

The interquartile range is $Q_3 - Q_1 = 92 - 84 = 8$.

13.



The interquartile range is $Q_3 - Q_1 = 139 - 128 = 11$.