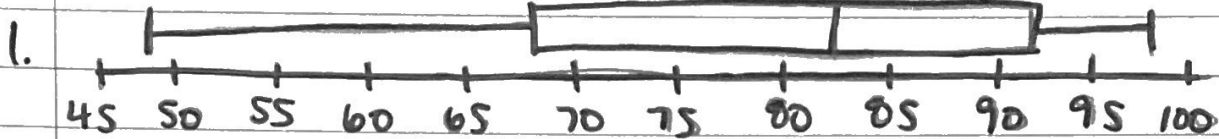


Unit 6 Review 1 Key



min: 48 Q_1 : 68 med: 83 Q_3 : 92.5 max: 97

range: 49 IQR: 24.5 MAD: 12.46
- No outliers

2. mean: 24.125 * mean may be less accurate because of the outlier.
median: 20
outlier: 55

3. Skewed Right

4.

	math	S.S	PE	Total
9 th	50	18	40	108
10 th	22	20	50	92
Tot.	72	38	90	200

a) math: $\frac{72}{200} = .36$ S.S: $\frac{38}{200} = .19$ PE: $\frac{90}{200} = .45$

b) $\frac{40}{200} = .20$

d) $\frac{18}{200} = .09$

c) $\frac{22}{200} = .11$

e) $\frac{50}{72} = .69$

5. $r = -.04$ $r = .72$ $r = -.93$
middle right left
graph graph graph

6. a) positive
b) no correlation
c) positive

7. a) NO
b) YES
c) YES

8. a) $y = 6.09x + 63.93$
b) $r = .99$, YES
c) 97.43
d) 5.59 hours