

Answers to Unit 1 Review

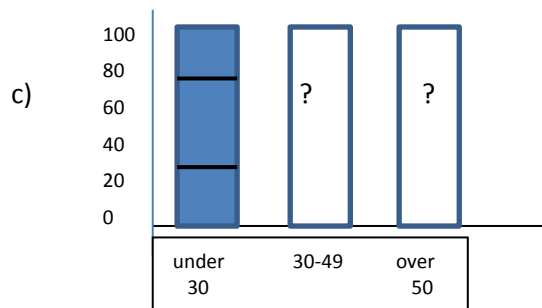
1a)  $\frac{3093}{4770} = 65\%$     b) 7.7%

2a) Low:  $\frac{95}{474} = 20\%$

Normal:  $\frac{232}{474} = 49\%$

High:  $\frac{147}{474} = 31\%$

	under 30	30-49	>50
Low	28%	21%	16%
Normal	49%	51%	47%
High	23%	28%	37%



d) As age increases, % of Low BP . . .

e) No, this is just one company and other factors could contribute

4b) Center – Around 7

Shape – Unimodal, fairly symmetric

Spread – Cluster around 5-10, no gaps or outliers (calculate)

5) a)

0	1 2 8 8
1	1 1 2 5 6 6 7
2	3 3 3 3 8 8
3	1 3 3 5
4	0

b) & c) Check on TI84

d) Center – around 20

Shape – Unimodal, roughly symmetric, cluster between 11-28

Spread- IQR – 7, no outliers

6a) 97.98%    b) 37.07%    c)  $88.49 - 96.41 = 7.92\%$

7a) -1.17    b) -.5244    c) 1.47    d)  $-.67 < x < .67$

8a) 70    b) 89    c)  $81.6 - 118.4$

9a) N(324, 24)

b) between 276 and 372 minutes

c) 84.3%

d)  $28.10\% - 85.99\% = 57.89\%$

e) 344 minutes and up

Multiple choice

1. A    2. B    3. D    4. C    5. E    6. E    7. C    8. A

