

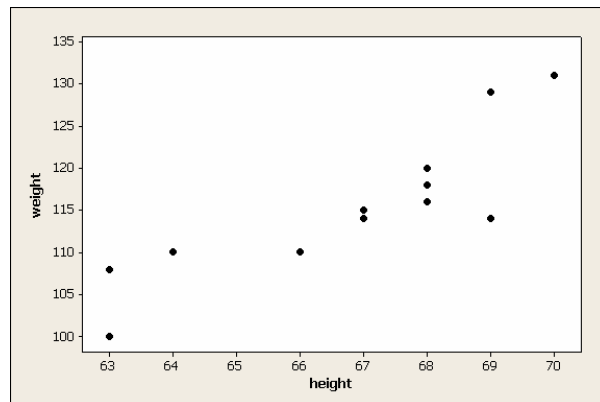
Answers to Math 210 Test 1
September 21, 2006

1. c
2. e
3. b
4. a
5. c
6. a
7. a
8. c
9. b
10. b
11.
 - a) 61.5" to 68.5"
 - b) 58" to 72"

12.

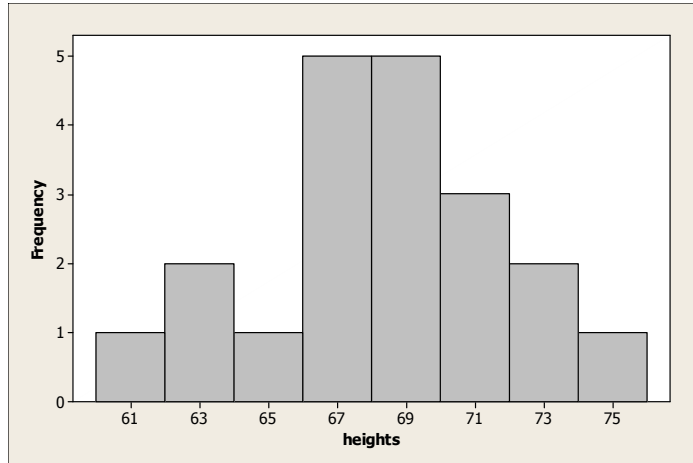
	Male	Female	Total
Assistant Professor	31	37	68
Associate Professor	39	33	72
Professor	63	19	82
Total	133	89	222

13.
a)



- b) $\hat{y} = -92.5 + 3.11x$
 - c) $r = 0.858$
 - d) 119 lbs.
 - e) -1
- 14.
- a) 68.5
 - b) 66.5 and 70.5
 - c) 67.9
 - d) 3.669
 - e) 4

f)



g)

6	0
6	22
6	5
6	67777
6	89999
7	011
7	23
7	4

15.

a) 828/3203

b) 524/828

c) 524/1920

d) Since 40.8% of the juniors are male and only 36.7% of the seniors are male, it is more likely to be a junior.