

Algebra 1-7 Answers

3)

Score	Mean	Deviation	Absolute Deviation
21	? 22	? -1	? 1
15	? 22	? -7	? 7
25	? 22	? 3	? 3
22	? 22	? 0	? 0
27	? 22	? 5	? 5

Mean is 3.2

6) b & d

7) a

8) c

10) Sample: The larger spread of room size at Central means they have some very small rooms, which probably caused the complaints.

13) Sample: 3, 4, 7, 9, 10, 11, 12

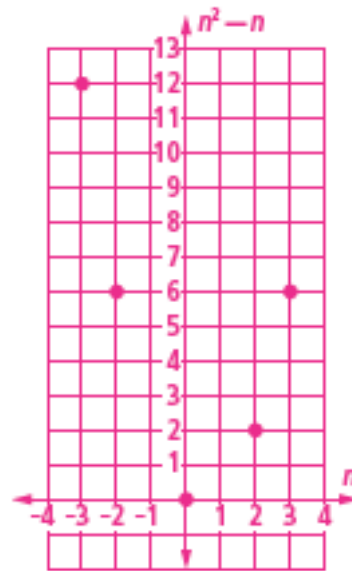
In order, the 4th number must be 9 to have a median of 9. The sum of all 7 numbers divided by 7 must be 8.

14) Sample: 6, 6, 6, 6, 6, 8, 9, 9, 9, 12, 13, 18

17) Xmin -120, Xmax 60,

Ymin -1.5, Ymax 0.5

n	$n^2 - n$
-3	12
-2	6
0	0
2	2
3	6



19)

Term Number	Number of Toothpicks
1	3
2	5
3	7
4	9
5	11

21a)

21b) $2n+1$

21c) 201