IB Math SL

Topic 6, Part I Review Answers

1. a) i) 10 ii) 24

b) mean = 63, std dev = 20.5

c) The majority of the data is to the right and not in the center, therefore the mean and median would be different values.

d) 70 cm

3. a) 7.40 b) 30, 56, 69, 76 c i) 97g ii) 101g d) 0

4. a) 100 b) a = 55, b = 75

5. a) 72 c) 4.5 e) 132 f) 1.35

1. 4

2. a) 32 b) 5 c) 6

5. a =2, b = 3, c = 3, d = 8

6. a) 76 b) 11.2 c i) p = 38, q = 56 ii) 11.2

7. 675

8. a) 74 in b) 77 in c) 71 in d) 6 in