NAME: AHMAD RAZIQ DANISH BIN AMIRRUDDIN

MATRIC NO: B031920040

COURSE: BITD DE

1.

4	5
6	7

1.

6	12
20	12

2.

3	3	4
4	3	4
3	3	4

(3 * -1) + (3 * -1) + (4 * -1) + (4 * -1) + (3 * 9) + (4 * -1) + (3 * -1) + (3 * -1) + (4 * -1) / 9

Answer:

-0.1111111111111111 or -0.1

3.

3	3	4
4	3	4
3	3	4

(3 * 1) + (3 * 1) + (4 * 1) + (4 * 1) + (3 * 1) + (4 * 1) + (3 * 1) + (3 * 1) + (4 * 1) / 9

Answer:

3.444444444444444 or 3.4

4.

10.3	**11.3**	**11.1**
9.2	10.4	10.2
9	10.1	9.8

Box1: (12/9) + (13/9) + (12/9) + (11/9) + (12/9) + (12/9) + (9/9) + (10/9) + (11/9)
= 11.3333333333333333333333333333333

Box2: (13/9) + (12/9) + (11/9) + (12/9) + (12/9) + (10/9) + (10/9) + (11/9) + (9/9)
= 11.1111111111111111111111111111111

5.

source	13.5	14.9	16.3	16.3	16.3
12.2	13.5	16.3	16.3	17.8	17.8
13.5	13.5	14.9	16.3	17.8	19.4
13.5	14.9	14.9	17.8	17.8	19.4
14.9	14.9	14.9	17.8	19.4	19.4
16.3	16.3	16.3	17.8	19.4	19.4
16.3	16.3	16.3	17.8	20.9	19.4
17.8	17.8	17.8	17.8	19.4	19.4
17.8	17.8	17.8	17.8	19.4	19.4
17.8	17.8	19.4	19.4	19.4	20.9

Formula in excel: SQRT(Power(5,2) + Power(cellvalue,2) * 3).

6.

source	55	120
50	61.6	140
105	123.2	
165		