



## Statistics - Mean Change with Value Changed

**1** What can the indicated number be changed to for these numbers to have the given change in their mean

5, 5, 8, 6

Change a 6 to decrease the mean by 1

A	0	B	4
C	3	D	1
E	5	F	2

**2** What can the indicated number be changed to for these numbers to have the given change in their mean

6, 9, 3, 2

Change a 6 to decrease the mean by 1

A	2	B	3
C	6	D	7
E	1	F	4

**3** What can the indicated number be changed to for these numbers to have the given change in their mean

5, 7, 10, 2

Change a 10 to decrease the mean by 1

A	0	B	3
C	6	D	4
E	10	F	1

**4** What can the indicated number be changed to for these numbers to have the given change in their mean

10, 4, 13, 9

Change a 10 to increase the mean by 2

A	14	B	20
C	12	D	18
E	16	F	15

**5** What can the indicated number be changed to for these numbers to have the given change in their mean

10, 9, 15, 2

Change a 2 to increase the mean by 3

A	14	B	12
C	11	D	13
E	8	F	16

**6** What can the indicated number be changed to for these numbers to have the given change in their mean

3, 15, 17, 9

Change a 9 to decrease the mean by 1

A	7	B	8
C	10	D	0
E	5	F	9

**7** What can the indicated number be changed to for these numbers to have the given change in their mean

12, 3, 16, 13

Change a 12 to increase the mean by 1

A	10	B	16
C	11	D	19
E	13	F	14

**8** What can the indicated number be changed to for these numbers to have the given change in their mean

8, 15, 12, 5

Change a 12 to increase the mean by 2

A	20	B	19
C	25	D	18
E	16	F	23