



## Statistics - Mean Change with Value Removed

1

What number can be removed for these numbers to have the given change in their mean

3, 10, 4, 11, 2  
mean increases by  
1

A	1	B	4
C	3	D	11
E	10	F	2

2

What number can be removed for these numbers to have the given change in their mean

6, 12, 3, 11, 13  
mean decreases by  
1

A	9	B	12
C	13	D	14
E	6	F	3

3

What number can be removed for these numbers to have the given change in their mean

6, 6, 7, 9, 2  
mean increases by  
1

A	2	B	3
C	6	D	7
E	0	F	9

4

What number can be removed for these numbers to have the given change in their mean

9, 12, 5, 10, 14  
mean decreases by  
1

A	18	B	16
C	14	D	9
E	11	F	12

5

What number can be removed for these numbers to have the given change in their mean

4, 3, 4, 5, 9  
mean decreases by  
1

A	4	B	9
C	3	D	5
E	6	F	10

6

What number can be removed for these numbers to have the given change in their mean

5, 9, 1, 13, 22  
mean decreases by  
3

A	22	B	17
C	20	D	19
E	13	F	1

7

What number can be removed for these numbers to have the given change in their mean

8, 11, 8, 13, 20  
mean decreases by  
2

A	20	B	13
C	8	D	25
E	11	F	15

8

What number can be removed for these numbers to have the given change in their mean

2, 11, 10, 5, 2  
mean increases by  
1

A	5	B	11
C	3	D	0
E	10	F	2