



## Statistics - Mean Change with Value Removed

**1**

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

2, 6, 7  
mean decreases by 1

A	5	B	7
C	1	D	2
E	6	F	12

**2**

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

6, 6, 9  
mean decreases by 1

A	9	B	6
C	13	D	5
E	10	F	4

**3**

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

7, 5, 3  
mean increases by 1

A	7	B	6
C	1	D	3
E	2	F	5

**4**

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

4, 8, 0  
mean increases by 2

A	0	B	8
C	3	D	2
E	6	F	4

**5**

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

9, 5, 10  
mean decreases by 1

A	9	B	10
C	7	D	5
E	12	F	13

**6**

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

7, 11, 9  
mean does not change

A	9	B	7
C	4	D	11
E	10	F	5

**7**

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

5, 7, 12  
mean decreases by 2

A	16	B	7
C	8	D	10
E	5	F	12

**8**

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

3, 5, 1  
mean increases by 1

A	6	B	3
C	5	D	1
E	2	F	4