



## Statistics - Mean Change with Value Removed

**1**

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

4, 11, 6, 3

mean increases by 1

A	1	B	4
C	7	D	8
E	3	F	6

**2**

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

9, 5, 13, 1

mean increases by 2

A	1	B	5
C	13	D	6
E	9		

**3**

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

6, 7, 2, 9

mean decreases by 1

A	8	B	13
C	2	D	6
E	7	F	9

**4**

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

9, 10, 5, 4

mean increases by 1

A	9	B	10
C	4	D	5
E	1	F	6

**5**

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

8, 4, 0, 12

mean decreases by 2

A	8	B	0
C	6	D	4
E	17	F	12

**6**

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

6, 3, 6, 1

mean increases by 1

A	4	B	3
C	6	D	2
E	1		

**7**

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

7, 11, 12, 18

mean decreases by 2

A	16	B	21
C	14	D	7
E	18	F	12

**8**

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

5, 3, 10, 18

mean decreases by 3

A	23	B	15
C	16	D	18
E	5	F	3