



## Statistics - Mean Change with Value Added

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

8, 6, 13  
mean increases by 3

A	21	B	24
C	20	D	18
E	23	F	16

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

3, 7, 8  
mean increases by 3

A	12	B	16
C	20	D	22
E	13	F	18

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

5, 4, 9  
mean decreases by 0

A	7	B	9
C	5	D	0
E	11	F	6

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

11, 12, 1  
mean decreases by 2

A	1	B	0
C	6	D	2
E	4	F	3

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

14, 13, 3  
mean decreases by 1

A	8	B	2
C	7	D	5
E	6	F	3

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

8, 4, 6  
mean increases by 3

A	17	B	16
C	15	D	14
E	18	F	20

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

9, 1, 11  
mean increases by 4

A	26	B	28
C	21	D	20
E	17	F	23

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

6, 2, 10  
mean increases by 2

A	19	B	10
C	14	D	17
E	11	F	13