mobius

Statistics - Mean Change with Value Removed

1

9, 6, 6, 15

mean decreases by 2

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

A		B	
	12		13
C		D	
	9		6
E		F	
	15		11

2

3, 4, 2, 7

mean decreases by 1

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

A		B	
	7		2
C		D	
	3		5
E		F	
	6		4

3

9, 1, 14, 20

mean decreases by 3

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

A		B	
	14		21
C		D	
	9		20
E		F	
	19		15

4

7, 1, 7, 13

mean decreases by 2

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

A		B	
	13		1
C		D	
	17		7
E		F	
	16		18

5

2, 3, 1, 14

mean decreases by 3

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

A		B	
	14		16
C		D	
	1		2
E		F	
	3		17

6

5, 10, 9, 0

mean increases by 2

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

A		B	
	0		10
C		D	
	4		5
E		F	
	1		9

7

5, 6, 10, 3

mean increases by 1

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

A		B	
	3		2
C		D	
	10		5
E		F	
	1		6

8

0, 6, 6, 4

mean does not change

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

A		B	
	6		2
C		D	
	1		7
E		F	
	0		4