



Math worksheet on 'Statistics - Mean Change with Values Changed (Level 4)'. Part of a broader unit on 'Probability and Statistics - Mean, Median, and Mode - Advanced'.

Learn online:

[app.mobius.academy/math/units/probability\\_and\\_statistics\\_mean\\_median\\_mode\\_advanced](http://app.mobius.academy/math/units/probability_and_statistics_mean_median_mode_advanced)

**1**

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

7, 6, 15, 12

Change a 6 to increase the mean by 3

<b>a</b>	17	<b>b</b>	22
<b>c</b>	14	<b>d</b>	18
<b>e</b>	16	<b>f</b>	20

**2**

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

10, 3, 13, 6

Change a 10 to decrease the mean by 1

<b>a</b>	0	<b>b</b>	11
<b>c</b>	4	<b>d</b>	6
<b>e</b>	2	<b>f</b>	7

**3**

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

5, 5, 8, 6

Change a 6 to decrease the mean by 1

<b>a</b>	0	<b>b</b>	5
<b>c</b>	4	<b>d</b>	2
<b>e</b>	1	<b>f</b>	3

**4**

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

14, 0, 16, 10

Change a 16 to decrease the mean by 2

<b>a</b>	9	<b>b</b>	5
<b>c</b>	8	<b>d</b>	6
<b>e</b>	11	<b>f</b>	4

**5**

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

5, 15, 13, 3

Change a 5 to increase the mean by 1

<b>a</b>	10	<b>b</b>	7
<b>c</b>	8	<b>d</b>	4
<b>e</b>	14	<b>f</b>	9

**6**

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

6, 4, 17, 9

Change a 4 to decrease the mean by 1

<b>a</b>	6	<b>b</b>	4
<b>c</b>	2	<b>d</b>	0
<b>e</b>	3	<b>f</b>	1

**7**

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

1, 10, 16, 13

Change a 16 to increase the mean by 1

<b>a</b>	15	<b>b</b>	20
<b>c</b>	19	<b>d</b>	24
<b>e</b>	16	<b>f</b>	23