



Math worksheet on 'Statistics - Mean Change with Variations Changed (Level 1)'. 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

3, 0, 12

Change a 3 to decrease the mean by 1

<b>a</b>	5	<b>b</b>	0
<b>c</b>	1	<b>d</b>	2
<b>e</b>	6	<b>f</b>	4

2

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

8, 7, 0

Change a 7 to decrease the mean by 1

<b>a</b>	6	<b>b</b>	4
<b>c</b>	1	<b>d</b>	7
<b>e</b>	3	<b>f</b>	2

3

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

5, 4, 6

Change a 6 to increase the mean by 1

<b>a</b>	13	<b>b</b>	9
<b>c</b>	4	<b>d</b>	7
<b>e</b>	10	<b>f</b>	5

4

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

2, 7, 6

Change a 2 to increase the mean by 3

<b>a</b>	10	<b>b</b>	11
<b>c</b>	13	<b>d</b>	6
<b>e</b>	8	<b>f</b>	16

5

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

7, 2, 6

Change a 6 to decrease the mean by 1

<b>a</b>	8	<b>b</b>	1
<b>c</b>	2	<b>d</b>	5
<b>e</b>	3	<b>f</b>	0

6

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

8, 1, 6

Change a 6 to increase the mean by 2

<b>a</b>	17	<b>b</b>	8
<b>c</b>	6	<b>d</b>	12
<b>e</b>	15	<b>f</b>	13

7

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

4, 6, 5

Change a 4 to increase the mean by 3

<b>a</b>	17	<b>b</b>	8
<b>c</b>	13	<b>d</b>	18
<b>e</b>	14	<b>f</b>	10