



Math worksheet on 'Statistics - Mean Change with Variations Changed (Level 5)'. Part of a broader unit on 'Probability and Statistics - Mean, Median, and Mode - Advanced'.

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[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

8, 10, 27, 7, 18

Change a 27 to decrease the mean by 1

<b>a</b>	18	<b>b</b>	26
<b>c</b>	19	<b>d</b>	17
<b>e</b>	22	<b>f</b>	24

2

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

14, 8, 14, 10, 9

Change a 8 to increase the mean by 2

<b>a</b>	14	<b>b</b>	22
<b>c</b>	18	<b>d</b>	23
<b>e</b>	12	<b>f</b>	15

3

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

8, 2, 23, 1, 11

Change a 8 to decrease the mean by 1

<b>a</b>	1	<b>b</b>	4
<b>c</b>	0	<b>d</b>	5
<b>e</b>	3	<b>f</b>	7

4

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

7, 12, 18, 13, 10

Change a 7 to increase the mean by 2

<b>a</b>	11	<b>b</b>	21
<b>c</b>	17	<b>d</b>	15
<b>e</b>	22	<b>f</b>	16

5

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

9, 11, 16, 1, 13

Change a 16 to decrease the mean by 2

<b>a</b>	2	<b>b</b>	3
<b>c</b>	7	<b>d</b>	6
<b>e</b>	0	<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, 2, 8, 9, 0

Change a 6 to increase the mean by 1

<b>a</b>	5	<b>b</b>	10
<b>c</b>	6	<b>d</b>	12
<b>e</b>	11	<b>f</b>	13

7

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

11, 14, 9, 6, 5

Change a 5 to decrease the mean by 1

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