



Math worksheet on 'Statistics - Mean Change with Variables Changed (Level 2)'. 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

2

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

2, 2, 11

Change a 2 to increase the mean by 3

| | | | |
|----------|----|----------|----|
| a | 15 | b | 10 |
| c | 11 | d | 13 |
| e | 14 | f | 6 |

1

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

0, 0, 21

Change a 0 to increase the mean by 3

| | | | |
|----------|----|----------|----|
| a | 9 | b | 7 |
| c | 12 | d | 11 |
| e | 5 | f | 10 |

3

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

9, 8, 1

Change a 1 to increase the mean by 2

| | | | |
|----------|----|----------|----|
| a | 7 | b | 4 |
| c | 5 | d | 11 |
| e | 12 | f | 1 |

4

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

7, 8, 3

Change a 7 to increase the mean by 2

| | | | |
|----------|----|----------|----|
| a | 9 | b | 8 |
| c | 18 | d | 7 |
| e | 16 | f | 13 |

5

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

6, 6, 6

Change a 6 to increase the mean by 2

| | | | |
|----------|----|----------|----|
| a | 10 | b | 9 |
| c | 17 | d | 12 |
| e | 15 | f | 11 |

6

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

6, 0, 15

Change a 15 to decrease the mean by 1

| | | | |
|----------|----|----------|----|
| a | 6 | b | 16 |
| c | 15 | d | 14 |
| e | 12 | f | 11 |

7

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

1, 3, 11

Change a 1 to increase the mean by 3

| | | | |
|----------|---|----------|----|
| a | 6 | b | 5 |
| c | 9 | d | 10 |
| e | 7 | f | 14 |