# mobiu

Math worksheet on *'Statistics - Mean Change with V...*
*Changed (Level 1)'*. Part of a broader unit on *'Proba...*
*and Statistics - Mean, Median, and Mode - Advanc...*

Learn online:

app.mobius.academy/math/units/probability_and_statistics_mean_median_mode_adv

**1**

6, 5, 4

Change a 4 to decrease
the mean by 1

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

| | | | |
|---|---|---|---|
| **a** | 1 | **b** | 3 |
| **c** | 4 | **d** | 6 |
| **e** | 0 | **f** | 5 |

**2**

2, 8, 5

Change a 5 to increase
the mean by 2

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

| | | | |
|---|---|---|---|
| **a** | 8 | **b** | 16 |
| **c** | 14 | **d** | 10 |
| **e** | 11 | **f** | 12 |

**3**

5, 4, 6

Change a 6 to decrease
the mean by 1

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

| | | | |
|---|---|---|---|
| **a** | 6 | **b** | 0 |
| **c** | 2 | **d** | 3 |
| **e** | 7 | **f** | 5 |

**4**

2, 9, 4

Change a 9 to increase
the mean by 2

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

| | | | |
|---|---|---|---|
| **a** | 13 | **b** | 20 |
| **c** | 19 | **d** | 11 |
| **e** | 10 | **f** | 15 |

**5**

1, 2, 12

Change a 12 to increase
the mean by 2

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

| | | | |
|---|---|---|---|
| **a** | 17 | **b** | 15 |
| **c** | 18 | **d** | 20 |
| **e** | 13 | **f** | 19 |

**6**

6, 9, 0

Change a 9 to decrease
the mean by 1

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

| | | | |
|---|---|---|---|
| **a** | 7 | **b** | 6 |
| **c** | 4 | **d** | 5 |
| **e** | 9 | **f** | 0 |

**7**

2, 7, 6

Change a 2 to increase
the mean by 3

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

| | | | |
|---|---|---|---|
| **a** | 10 | **b** | 13 |
| **c** | 8 | **d** | 16 |
| **e** | 6 | **f** | 11 |