



Math worksheet on 'Statistics - Solve for Count from Mean and Sum (Level 3)'. Part of a broader unit on 'Probability and Statistics - Mean, Median, and Mode Practice'

Learn online:

app.mobius.academy/math/units/probability_and_statistics_mean_median_mode_practice

1

If a set of numbers have a sum of 30, and a mean of 6, how many numbers are there?

- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|----|
| a | 9 | b | 7 | c | 1 | d | 5 | e | 6 | f | 12 |
|---|---|---|---|---|---|---|---|---|---|---|----|

2

If a set of numbers have a sum of 18, and a mean of 6, how many numbers are there?

- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|---|---|
| a | 1 | b | 5 | c | 2 | d | 3 | e | 14 | f | 0 |
|---|---|---|---|---|---|---|---|---|----|---|---|

3

If a set of numbers have a sum of 28, and a mean of 7, how many numbers are there?

- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|----|---|---|---|---|
| a | 8 | b | 7 | c | 0 | d | 10 | e | 4 | f | 5 |
|---|---|---|---|---|---|---|----|---|---|---|---|

4

If a set of numbers have a sum of 30, and a mean of 10, how many numbers are there?

- | | | | | | | | | | | | |
|---|----|---|---|---|---|---|---|---|----|---|---|
| a | 13 | b | 3 | c | 5 | d | 9 | e | 12 | f | 2 |
|---|----|---|---|---|---|---|---|---|----|---|---|

5

If a set of numbers have a sum of 36, and a mean of 9, how many numbers are there?

- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| a | 2 | b | 4 | c | 0 | d | 3 | e | 8 | f | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|

6

If a set of numbers have a sum of 20, and a mean of 5, how many numbers are there?

- | | | | | | | | | | | | |
|---|---|---|----|---|----|---|---|---|----|---|---|
| a | 3 | b | 13 | c | 12 | d | 2 | e | 15 | f | 4 |
|---|---|---|----|---|----|---|---|---|----|---|---|

7

If a set of numbers have a sum of 40, and a mean of 10, how many numbers are there?

- | | | | | | | | | | | | |
|---|----|---|---|---|----|---|---|---|----|---|----|
| a | 15 | b | 5 | c | 10 | d | 4 | e | 11 | f | 13 |
|---|----|---|---|---|----|---|---|---|----|---|----|