

Building Blocks - Reverse Mean



Block 1

For the list of numbers

1, 9, 5, 11, 3, 8, 6, 5

Find the:

- a) Range
- b) Mode
- c) Median
- d) Mean

Four integers have a:

- mean of 4,
- median of 3,
- mode of 3,
- range of 8.

Find the 4 integers.

Block 2

The mean of nine numbers is 12.
What is the total of the same nine numbers?

The mean of the four items below is 6.

4, 9, 3, x

Find the value of x .

The mean of six items is 8.

Five of these items are:
11, 5, 12, 7, 8

Find the value of the sixth item.

Block 3

One extra number is added to the following list of four numbers.

7, 9, 10, 6

The mean of the new list of five numbers is 1 more than the mean of the original four numbers.
What number was added to the list?

10 men, 20 women and 10 children are in a competition.
The mean score for the women is 9.3.
The mean score for the children is 4.9.
Keith says that the mean score for all 40 people is 8.
Work out the mean score for the men.

Building Blocks - Reverse Mean



Block 1

For the list of numbers

1, 9, 5, 11, 3, 8, 6, 5

Find the:

- a) Range **10** c) Median **5.5**
b) Mode **5** d) Mean **6**

Four integers have a:

- mean of 4,
- median of 3,
- mode of 3,
- range of 8.

Find the 4 integers. **1,3,3,9**

Block 2

The mean of nine numbers is 12.
What is the total of the same nine numbers?

108

The mean of the four items below is 6.

4, 9, 3, x

Find the value of x . **8**

The mean of six items is 8.

Five of these items are:
11, 5, 12, 7, 8

Find the value of the sixth item. **5**

Block 3

One extra number is added to the following list of four numbers.

7, 9, 10, 6

The mean of the new list of five numbers is 1 more than the mean of the original four numbers.

What number was added to the list? **13**

10 men, 20 women and 10 children are in a competition.

The mean score for the women is 9.3.

The mean score for the children is 4.9.

Keith says that the mean score for all 40 people is 8.

Work out the mean score for the men. **8.5**