VITAL MATHEMATICS

STATISTICS
MIDRANGE

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INTRODUCTION

The data value that is midway between the minimum value and maximum value. The midrange is calculated by adding the minimum value and maximum value, the divide the result by 2.

MIDRANGE EQUATION

$$Midrange = \frac{Maximum\ value - Minimum\ value}{2}$$

SOLVING MIDRANGE

$$Midrange = \frac{Maximum\ value - Minimum\ value}{2}$$

STEP 1) Identify the minimum value and maximum value

STEP 2) Add the maximum value and minimum value

STEP 3) Divide result from STEP 2 by 2

Example: $\frac{STEP\ 2}{2}$

STEP 4) Round Answer

MIDRANGE EXAMPLE

Example 1: Find the midrange speed of the following cars below:

0mph, 25mph, 70mph, 40mph, 40mph, 63 mph, 89mph, 126mph

Example 2) Find the midrange age of the following people listed below:

17yrs, 25yrs, 19yrs, 36yrs, 55yrs, 22yrs, 45yrs, 11yrs, 47yrs

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