

Calculate the arithmetic mean of 3,6,10,13,14,17,19 and 22.
a. 20 b. 15 c. 13 d. 17

Solution

of 3 6 10 13 14 17 19 22 [Original data set].

The average of the data values in a data set is called mean.

$$\text{Arithmetic mean} = \frac{\text{Sum of data values}}{\text{Number of data values}} .$$

The arithmetic mean of the data set is

$$\frac{3 + 6 + 10 + 13 + 14 + 17 + 19 + 22}{8} = 13.$$

Answer: c. 13.