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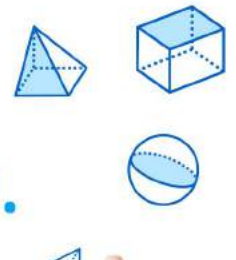

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Mean Median Mode Range Worksheet

1. Find the mean of the following data points:

$$76, 32, 24, 32, 66, 72, 68, 54, 32, 66$$

2. Find the range of the following:

$$5.2, 5.7, 5.2, 4.3, 3.6, 3.8, 2.7, 4.2, 4.3, 3.9, 4.2$$

3. Find the median of a list of consecutive integers from 31 to 65.

4. The mean of five numbers is 22, if each number is increased by 8, find their new mean.

5. Find the mode of the following:

$$18.1, 18.6, 18.2, 18.1, 18.9, 18.6, 18.7, 18.3, 18.3, 18.2, 18.6, 18.6$$

6. What will be the median of the following set of numbers?

$$126, 132, 128, 124, 134, 142, 134, 146, 134, 132$$

7. John got the following points playing an online game:

$$121, 119, 137, 131, X$$

If the mean of all the points is 128, find the value of X.

8. What will be the mean of the first 7 prime numbers? (Round off your answer to two decimal places)

9. The mean of X and Y is 21. The mean of Y and Z is 22. If the mean of $X, Y,$ and Z is 25. Find the values of $X, Y,$ and Z.

10. In a classroom, if the average age of five students is $17 \, years$. If the age of the class teacher is taken together, then the average age increases by $3 years$. Find the age of the class teacher.

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- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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ANSWERS

1) 52.2	6) 133
2) 3	7) 132
3) 48	8) 8.29
4) 30	9) $X = 31, Y = 11, Z = 33$
5) 18.6	10 35

FUN FACT

1. Mean, Median, Mode and Range are used for statistical comparisons of data
2. To calculate the mean of a given set of data, we must know the sum of all the observations and the number of observations
3. For any five data points $a, b, c, d,$ and e, mean is given by:

$$\text{Mean, } \bar{x} = \frac{a+b+c+d+e}{5}$$