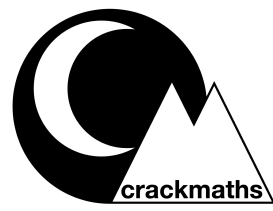


61. How to identify the median from a collection of data



Practice Questions:

1. What is the median of:

7, 9, 7, 8, 3, 4, 5, 6

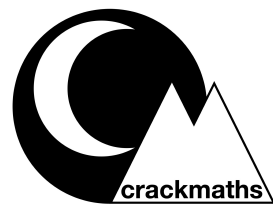
2. What is the median of:

2.3, 4.5, 8.9, 5.6, 4.7, 19.7, 3.9?

3. What is the median of:

10, 10, 10, 19, 20, 15, 30, 87

61. How to identify the median from a collection of data



Practice Questions:

4. What is the median frequency from the table?

5. Is it possible to have a median colour?

Colour	Frequency
Red	3
Blue	19
Yellow	15
Pink	4
Green	8

61. How to identify the median from a collection of data



Practice Questions:

6. Students were asked, to the nearest hour, how many hours did they study for an exam. The table shows the results. Within what interval is the median number of hours studied?

7. In what interval does the 4th person exist when the students are placed in order of least hours studied to most hours studied?

Hours Studied	Frequency
0 - 5	2
6 - 10	3
11 - 15	4
16 - 20	5
21 - 25	6

61. How to identify the median from a collection of data



Practice Questions: Answers

1. What is the median of: 7, 9, 7, 8, 3, 4, 5, 6

1. The median is 6.5. In size order the numbers are 3, 4, 5, 6, 7, 7, 8, 9

2. What is the median of: 2.3, 4.5, 8.9, 5.6, 4.7, 19.7, 3.9?

2. The median is 4.7. In size order the numbers are 2.3, 3.9, 4.5, 4.7, 5.6, 8.9, 19.7

3. What is the median of 10, 10, 10, 19, 20, 15, 30, 87

3. The median is 17. In size order the numbers are 10, 10, 10, 15, 19, 20, 30, 87

4. What is the median frequency from the table?

**4. The median frequency is 8
In size order: 3, 4, 8, 15, 19**

Colour	Frequency
Red	3
Blue	19
Yellow	15
Pink	4
Green	8

5. Is it possible to have a median colour?

5. No, there is no size order to colours

6. Students were asked, to the nearest hour, how many hours did they study for an exam. The table shows the results. Within what interval is the median number of hours studied?

6. The median lies in interval is 16 - 20 hours.

Hours Studied	Frequency
0 - 5	2
6 - 10	3
11 - 15	4
16 - 20	5
21 - 25	6

7. In what interval does the 4th person exist when the students are placed in order of least hours studied to most hours studied?

7. The 4th person lies in interval 6 - 10