

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Central Frequency: Finding the Median

Objective: The student can find the median in a list with an odd number of numbers.

What is a snake’s favourite part of school? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Part A

 Question #1 Find the median of these numbers. 12, 16, 11, 17, and 18.

 Work

Final Statement:

Question #2 Find the median of these numbers. 500, 300, 400, 900, 700

 Work

Final Statement:

 Question #3 Find the median of these numbers. 3, 6, 8, 12, 17, 44, 45

 Work

Final Statement:

 Question #4 Find the median of these numbers. 85,78,90,91,88,86,73,84,90,95,60

 Work

Final Statement:

 Question #5 Find the median of these numbers. $215, $211, $246, $213, $287, $298, $255

 Work

Final Statement

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| Question # 6 What is the median age of the 7 children whose ages are:11, 10, 13, 11, 12, 16 and 14?  Work   Final Statement:  |

 Question # 7 The tallest 7 trees in a park have heights in meters of 41, 60, 47, 42, 44, 42, and 47. Find

the median heights

 Work

Final Statement:

Question #8 This is the amount of money that Mary earned each week over an 9 week period

babysitting for her neighbour: $17.00,$22.00,$26.00,$20.00,$35.00,$26.00,$21.00,$18.00,$19.00. Find the

median amount.

Work

 Final Statement:

Question #9 Jake received the following test grades on his last 7 quizzes:79, 88, 75, 71, 89, 80 and 92

What was his median grade?

 Work

Final Statement:

|  |
| --- |
| Question #10 In her last 5 games Sara has scored the following number of points: 12, 16, 11, 17, and 18. What is the median of these scoring totals?   Work  Final Statement:  |

If you scored at least 8 out of 10, you may progress on to the next objective.

If you scored less than 8, please complete parts B,C,D and E for this objective.

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Answer Key \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Central Frequency: Finding the Median

Objective: How to find the median in a list with an odd number of numbers.

Part A What is a snake’s favourite part of school? Recessssssss!

 Question #1 Find the median of these numbers. 12, 16, 11, 17, and 18.

 Work: 11,12,16,17,18

There is an odd number of items in the set. Therefore, the median is the middle number.

Final Statement: The median is 16

 Question #2 Find the median of these numbers. 500, 300, 400, 900, 700

 Work: 300,400,500,700,900

There is an odd number of items in the set. Therefore, the median is the middle number.

Final Statement: The median is 500.

 Question #3 Find the median of these numbers. 3, 6, 8, 12, 17, 44, 45

 Work: 3,6,8,12,17,44,45

There is an odd number of items in the set. Therefore, the median is the middle number.

Final Statement: The median is 12.

 Question #4 Find the median of these numbers. 85,78,90,91,88,86,73,84,90,95,60

 Work: 60,73,78,84,85,86,88,90,90,91,95

There is an odd number of items in the set. Therefore, the median is the middle number.

Final Statement: The median is 86.

 Question #5 Find the median of these numbers. $215, $211, $246, $213, $287, $298, $255

 Work: $211,$213,$215,$246,$255,$287,$298

There is an odd number of items in the set. Therefore, the median is the middle number.

Final Statement: The median is $246

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Answer Key Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Page 2

. Question #6 What is the median age of the 7 children whose ages are: 11, 10, 13, 11, 12, 16, 14

 Work: 10, 11, 11, 12,15, 14, 16

There is an odd number of items in the set. Therefore, the median is the middle number.

Final Statement: The median age is 12.

 Question #7 The tallest 7 trees in a park have heights in meters of 41, 60, 47, 42, 44, 42, and 47. Find

the median of their heights.

 Work: 41,42,42,44,47,47,60

There is an odd number of items in the set. Therefore, the median is the middle number.

Final Statement: The median height is 44

 Question #8 This is the amount of money that Mary earned each week over an 8 week period

babysitting for her neighbour: $17,$22,$26,$20,$35,$26,$21,$18,$19 find the median for these amounts.

 Work: $17,$18,$19,$20,$21,$22,$26,$26,$35

There is an odd number of items in the set. Therefore, the median is the middle number.

Final Statement: The median amount is $21.

Question #9 Jake received the following test grades on his last 7 quizzes:79,88,75,71,89,80,92 What

was his median grade?

 Work: 71,75,79,80,88,89,92

There is an odd number of items in the set. Therefore, the median is the middle number.

Final Statement: The median grade is 80.

Question #10 In her last 5 games Sara has scored the following number of points respectively:

12, 16, 11, 17, and 18. What is the median of these scoring totals?

 Work: 11,12,16,17,18

There is an odd number of items in the set. Therefore, the median is the middle number.

Final Statement: The median score is 16.

If you scored at least 8 out of 10, you may progress on to the next objective.

If you scored less than 8, please complete parts B,C,D and E for this objective

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