

# \_\_\_\_\_ "STATIONS" - Answer Sheet Practicing  
**Mean, Median, Mode, and Range**

Statistician: Key  
 Date: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ HR (circle one): 1 2 3 4 5 6

Directions: Practice using mean, median, mode, and range by answering the questions located around our classroom. Be sure to show how you arrived at your answer by **showing your work**. Your teacher will tell you what location to begin today's "station activity." Begin at station: \_\_\_\_\_

Stations	<b>A N S W E R S</b>					
A.	1) 15	2) 23	3) 10			
B.	4) 13	5) 2	6) 11			
C.	7) 87	8) 89	9) 12			
D.	10) 27	11) 14	12) 19			
E.	13) 17	14) 21	15) 18			
F.	16) 22	17) 29	18) 65			
G.	19) 16	20) 81	21) 17			
H.	22) Answers	23) will	24) A. vary B. vary			
I.	25)	26)	27) A. B.			

H → K involves using dice!

J. mean: \_\_\_\_\_ mode: \_\_\_\_\_ Range: \_\_\_\_\_ median: \_\_\_\_\_  
 K. mean: \_\_\_\_\_ mode: \_\_\_\_\_ range: \_\_\_\_\_ median: \_\_\_\_\_

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

## Mean, Median, Mode, Range, and Outlier

**Directions:** Solve each problem, showing all work. Then find the ANSWER number on the coloring sheet and color it with the color given in the box.

<p>1 Find the mean of the data set:  14, 19, 13, 22, 7  Color this answer light blue.</p>	<p>2 Find the median of the data set:  17, 35, 20, 18, 29, 26  Color this answer light green.</p>	<p>3 Find the mode of the data set:  10, 18, 13, 22, 10, 13, 10, 19  Color this answer purple.</p>	<p>4 Find the range of the data set:  37, 40, 33, 45, 32, 34  Color this answer pink.</p>	<p>5 What is the outlier in the following set?  29, 2, 28, 30, 26, 31  Color this answer yellow.</p>
<p>6 Pam is 17 years old and her sister is 9. Her two brothers are 11 and 7 years old. What is the mean of their ages?  Color this answer dark blue.</p>	<p>7 Sam had four tests last month. His scores were 81, 94, 83, and 91. What is the median of his scores?  Color this answer light blue.</p>	<p>8 When Sally went bowling, her scores were 108, 72, and 95. If she bowls a 4<sup>th</sup> game, what will her score need to be to give her an average of 91?  Color this answer purple.</p>	<p>9 The mean of the data set is 15. What number is missing?  18, 16, ____, 9, 12, 23  Color this answer light green.</p>	<p>10 The range of a data set is 18. If the smallest number in the set is 9, what is the largest number?  Color this answer pink.</p>
<p>11 Find the median of the data set:  8, 19, 14, 16, 9, 20, 9  Color this answer yellow.</p>	<p>12 The median of the data set is 18. What number is missing?  12, 17, ____, 21, 13, 25  Color this answer purple.</p>	<p>13 Mindy had five tests last month. Her scores were 95, 86, 78, 80, and 91. What is the range of her scores?  Color this answer light blue.</p>	<p>14 The mode of the data set is 21. What number is missing?  21, 17, ____, 25, 23, 13  Color this answer light green.</p>	<p>15 The range of a data set is 32. If the largest number in the set is 50, what is the smallest number?  Color this answer yellow.</p>
<p>16 Find the mean of the data set:  15, 22, 19, 20, 29, 18, 25, 19, 31  Color this answer pink.</p>	<p>17 Find the mode of the data set:  29, 22, 19, 20, 29, 23, 29, 19, 31  Color this answer light blue.</p>	<p>18 What is the outlier in the following set?  28, 31, 40, 26, 38, 65, 39, 35, 30  Color this answer light green.</p>	<p>19 The mean of the data set is 18. What number is missing?  21, 11, ____, 27, 22, 13, 16  Color this answer yellow.</p>	<p>20 The median of the data set is 81. What number is missing?  82, 87, ____, 77, 70, 80, 88  Color this answer pink.</p>

Questions 21 to the end are not available.



# Mean, Median, Mode, Range- Answer Key

