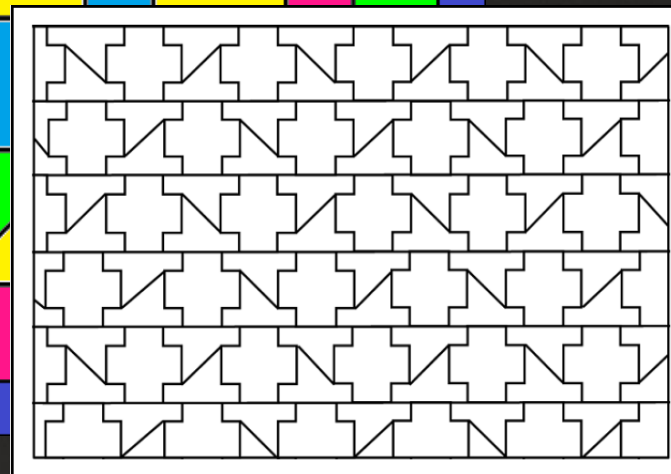
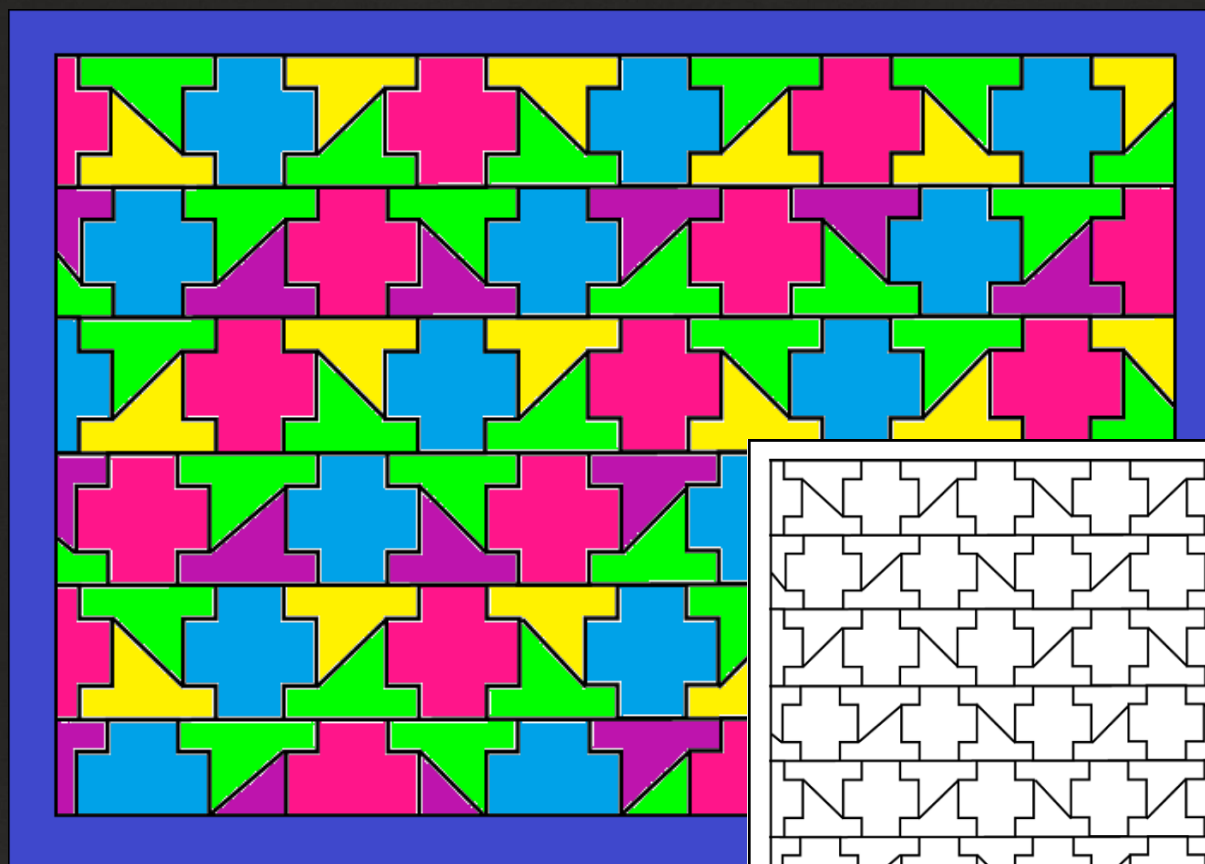


Mean, Median, Mode & Range

Color by Number



Mean, Median, Mode, & Range

Color by Number

Thanks for trying Mean, Median, Mode, & Range – Color by Number!

In this activity, students solve 20 problems that require them to find mean, median, mode and range of data sets. Some problems require students to find a missing number to reach a specific mean, median, mode, or range. Students then find the solution number on the coloring page and color it with the color indicated in the box for that problem.

Also included is a coloring page with no numbers, for students to color their own way, for fun.☺

If you have any questions at all, or would like a custom color by number for a particular topic, please email me at middleschoolmathmoments@gmail.com.

Thanks and enjoy!

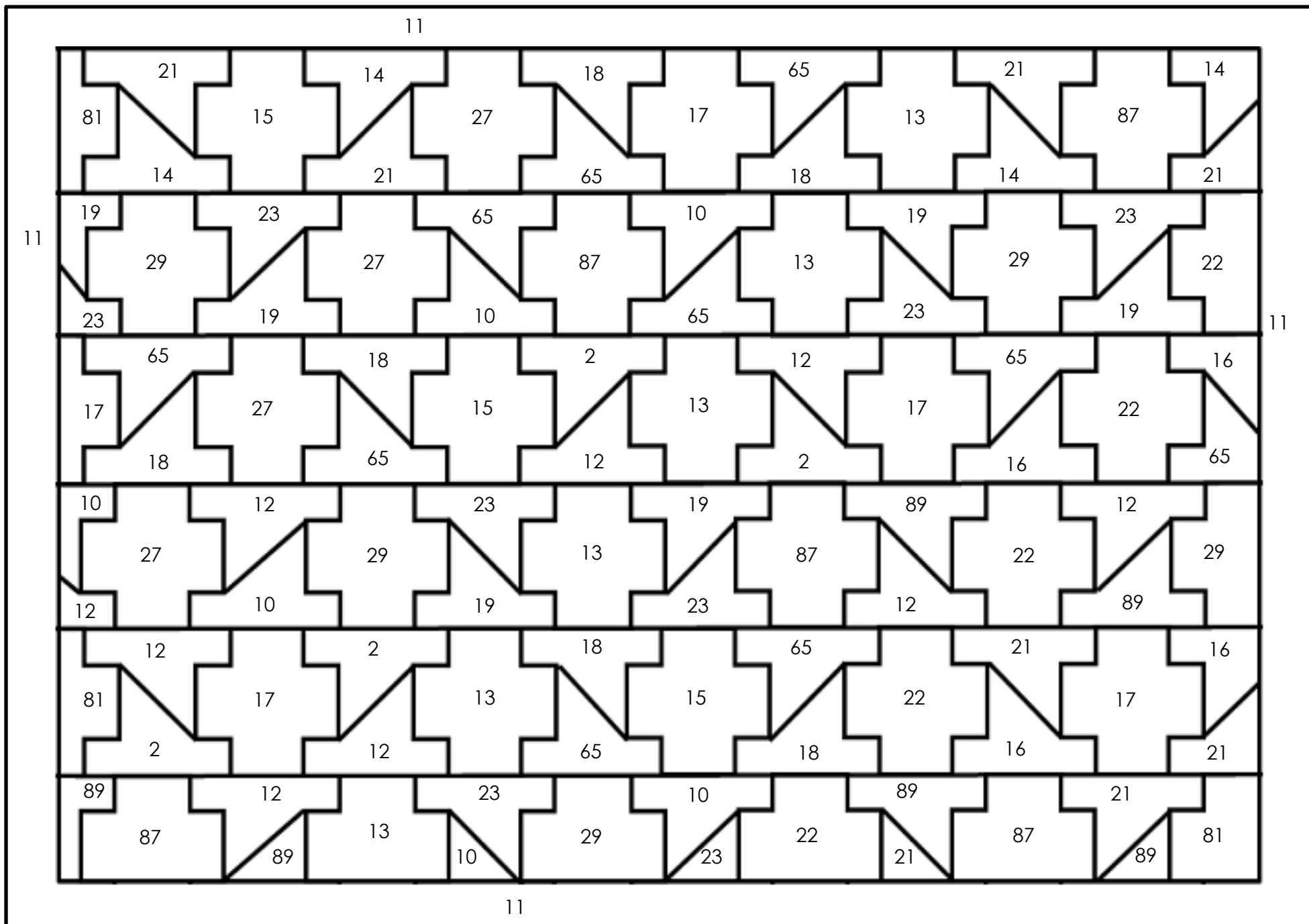
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Mean, Median, Mode, Range

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.

1 Find the mean of the data set: 14, 19, 13, 22, 7 Color this answer light blue.	2 Find the median of the data set: 17, 35, 20, 18, 29, 26 Color this answer light green.	3 Find the mode of the data set: 10, 18, 13, 22, 10, 13, 10, 19 Color this answer purple.	4 Find the range of the data set: 37, 40, 33, 45, 32, 34 Color this answer pink.	5 What is the outlier in the following set? 29, 2, 28, 30, 26, 31 Color this answer yellow.
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.	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.	8 When Sally went bowling, her scores were 108, 72, and 95. If she bowls a 4 th game, what will her score need to be to give her an average of 91? Color this answer purple.	9 The mean of the data set is 15. What number is missing? 18, 16, ____, 9, 12, 23 Color this answer light green.	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.
11 Find the median of the data set: 8, 19, 14, 16, 9, 20, 9 Color this answer yellow.	12 The median of the data set is 18. What number is missing? 12, 17, ____, 21, 13, 25 Color this answer purple.	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.	14 The mode of the data set is 21. What number is missing? 21, 17, ____, 25, 23, 13 Color this answer light green.	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.
16 Find the mean of the data set: 15, 22, 19, 20, 29, 18, 25, 19, 31 Color this answer pink.	17 Find the mode of the data set: 29, 22, 19, 20, 29, 23, 29, 19, 31 Color this answer light blue.	18 What is the outlier in the following set? 28, 31, 40, 26, 38, 65, 39, 35, 30 Color this answer light green.	19 The mean of the data set is 18. What number is missing? 21, 11, ____, 27, 22, 13, 16 Color this answer yellow.	20 The median of the data set is 81. What number is missing? 82, 87, ____, 77, 70, 80, 88 Color this answer pink.

Mean, Median, Mode, Range

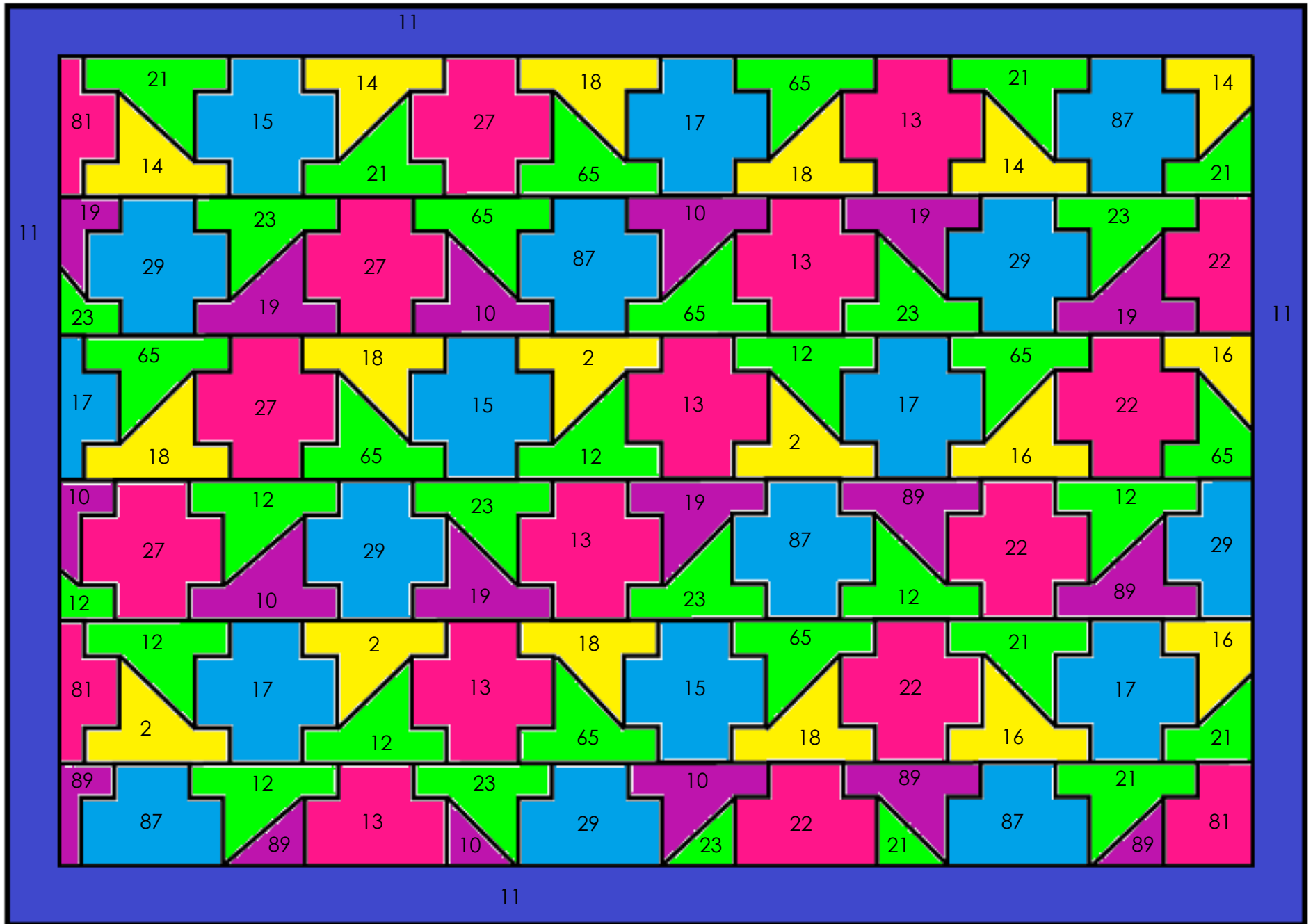


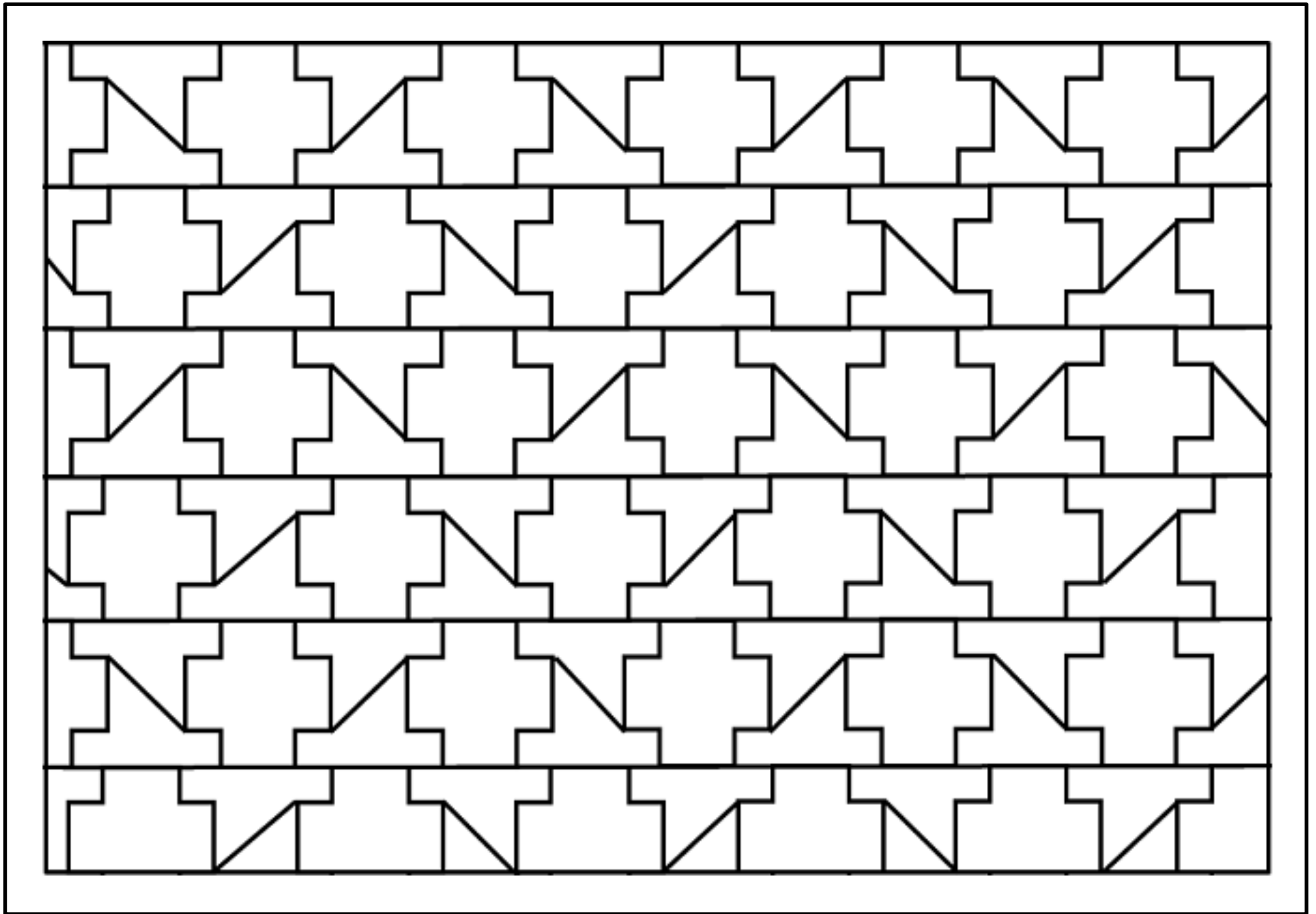
Mean, Median, Mode, Range- Answer Key

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:</p> <p style="text-align: center;">14, 19, 13, 22, 7</p> <p style="text-align: center;">15</p> <p>Color this answer light blue.</p>	<p>2 Find the median of the data set:</p> <p style="text-align: center;">17, 35, 20, 18, 29, 26</p> <p style="text-align: center;">23</p> <p>Color this answer light green.</p>	<p>3 Find the mode of the data set:</p> <p style="text-align: center;">10, 18, 13, 22, 10, 13, 10, 19</p> <p style="text-align: center;">10</p> <p>Color this answer purple.</p>	<p>4 Find the range of the data set:</p> <p style="text-align: center;">37, 40, 33, 45, 32, 34</p> <p style="text-align: center;">13</p> <p>Color this answer pink.</p>	<p>5 What is the outlier in the following set?</p> <p style="text-align: center;">29, 2, 28, 30, 26, 31</p> <p style="text-align: center;">2</p> <p>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?</p> <p style="text-align: center;">11</p> <p>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?</p> <p style="text-align: center;">85</p> <p>Color this answer light blue.</p>	<p>8 When Sally went bowling, her scores were 108, 72, and 95. If she bowls a 4th game, what will her score need to be to give her an average of 91?</p> <p style="text-align: center;">89</p> <p>Color this answer purple.</p>	<p>9 The mean of the data set is 15. What number is missing? 18, 16, __, 9, 12, 23</p> <p style="text-align: center;">12</p> <p>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?</p> <p style="text-align: center;">27</p> <p>Color this answer pink.</p>
<p>11 Find the median of the data set:</p> <p style="text-align: center;">8, 19, 14, 16, 9, 20, 9</p> <p style="text-align: center;">14</p> <p>Color this answer yellow.</p>	<p>12 The median of the data set is 18. What number is missing? 12, 17, __, 21, 13, 25</p> <p style="text-align: center;">19</p> <p>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?</p> <p style="text-align: center;">17</p> <p>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</p> <p style="text-align: center;">21</p> <p>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?</p> <p style="text-align: center;">18</p> <p>Color this answer yellow.</p>
<p>16 Find the mean of the data set:</p> <p style="text-align: center;">15, 22, 19, 20, 29, 18, 25, 19, 31</p> <p style="text-align: center;">22</p> <p>Color this answer pink.</p>	<p>17 Find the mode of the data set:</p> <p style="text-align: center;">29, 22, 19, 20, 29, 23, 29, 19, 31</p> <p style="text-align: center;">29</p> <p>Color this answer light blue.</p>	<p>18 What is the outlier in the following set?</p> <p style="text-align: center;">28, 31, 40, 26, 38, 65, 39, 35, 30</p> <p style="text-align: center;">65</p> <p>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</p> <p style="text-align: center;">16</p> <p>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</p> <p style="text-align: center;">81</p> <p>Color this answer pink.</p>

Mean, Median, Mode, Range- Answer Key





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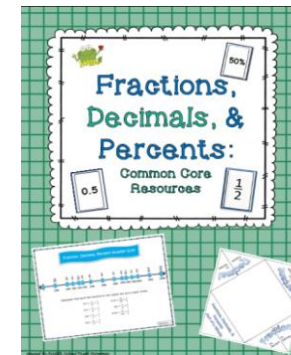
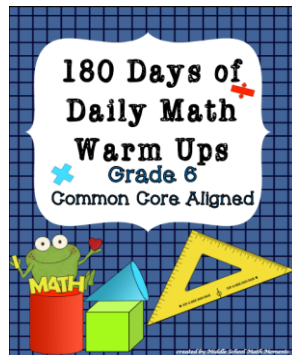
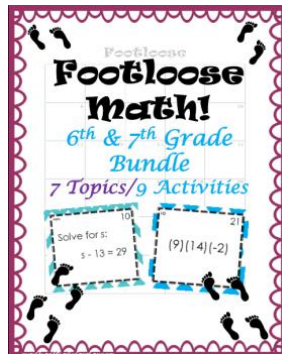
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