

Name \_\_\_\_\_

Date \_\_\_\_\_

**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.

1 Find the mean of the data set:  14, 19, 13, 22, 7  <b>15</b> Color this answer light blue.	2 Find the median of the data set:  17, 35, 20, 18, 29, 26  <b>23</b> Color this answer light green.	3 Find the mode of the data set:  10, 18, 13, 22, 10, 13, 10, 19  <b>10</b> Color this answer purple.	4 Find the range of the data set:  37, 40, 33, 45, 32, 34  <b>13</b> Color this answer pink.	5 What is the outlier in the following set?  29, 2, 28, 30, 26, 31  <b>2</b> 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?  <b>11</b> 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?  <b>87</b> Color this answer light blue.	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? $91 \times 4 = 364$ $364 - 275 = 89$ <b>89</b> Color this answer purple.	9 The mean of the data set is 15. What number is missing? 18, 16, ____, 9, 12, 23 $15 \times 6 = 90$ $90 - 78 = 12$ <b>12</b> 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? $18 + 9$ <b>27</b> Color this answer pink.
11 Find the median of the data set:  8, 19, 14, 16, 9, 20, 9  <b>14</b> Color this answer yellow.	12 The median of the data set is 18. What number is missing? 12, 17, ____, 21, 13, 25 $12, 13, 17, \underline{\quad}, 21, 25$ <b>19</b> 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?  <b>17</b> Color this answer light blue.	14 The mode of the data set is 21. What number is missing? 21, 17, ____, 25, 23, 13  <b>21</b> 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? $50 - 32$ <b>18</b> Color this answer yellow.
16 Find the mean of the data set:  15, 22, 19, 20, 29, 18, 25, 19, 31  <b>22</b> Color this answer pink.	17 Find the mode of the data set:  29, 22, 19, 20, 29, 23, 29, 19, 31  <b>29</b> Color this answer light blue.	18 What is the outlier in the following set?  28, 31, 40, 26, 38, 65, 39, 35, 30  <b>65</b> Color this answer light green.	19 The mean of the data set is 18. What number is missing? 21, 11, ____, 27, 22, 13, 16 $18 \times 7 = 126$ $126 - 110 = 16$ <b>16</b> Color this answer yellow.	20 The median of the data set is 81. What number is missing? 82, 87, ____, 77, 70, 80, 88 $70, 77, 80, \underline{\quad}, 82, 87, 88$ <b>81</b> Color this answer pink.