

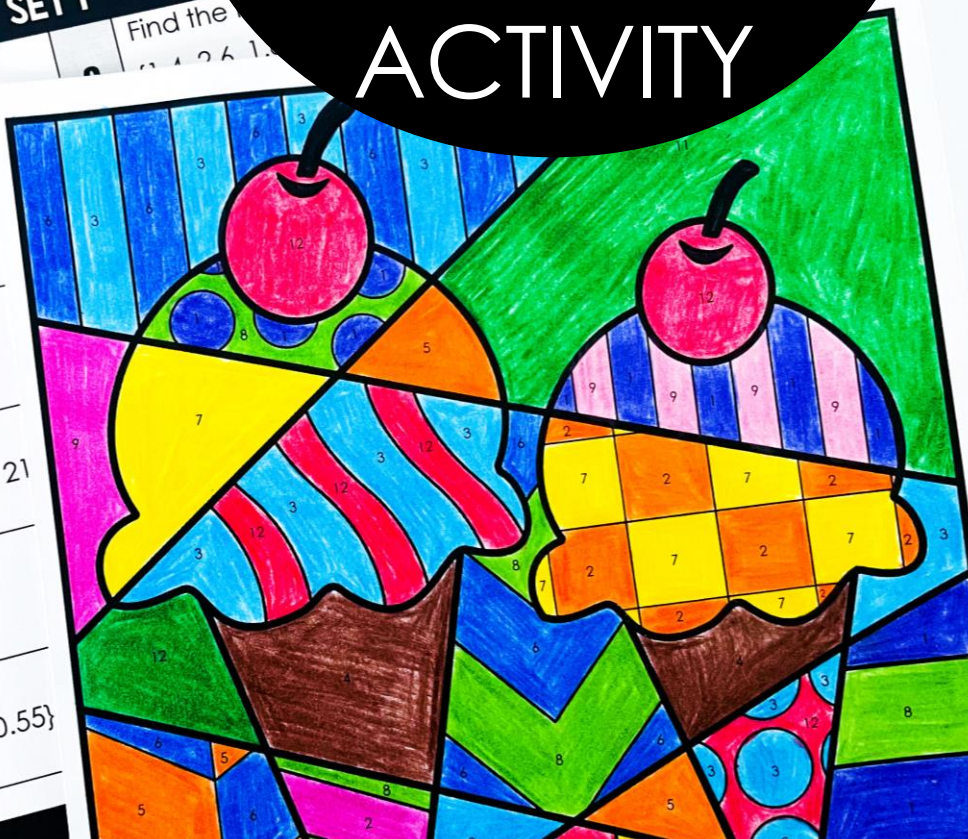
# MEAN, MEDIAN, MODE, & RANGE

Directions: Solve each question as indicated. Identify Set 1 and Set 2, then color the ice cream cone accordingly.

SET 1

- 1 Find the mean:  
{15, 29, 16, 23, 42, 19}
- 3 Find the mode:  
{7, 11, 15, 5, 17, 5, 12, 1}
- 5 Find the mean:  
{0.95, 1.36, 2.57, 0.81, 0.76}
- 7 Find the mode:  
{44, 47, 52, 21, 28, 19, 52, 21, 28, 21}
- 9 Find the mean:  
{152, 237, 98, 183, 279, 131}
- 11 Find the mode:  
{0.25, 0.35, 0.45, 0.40, 0.35, 0.55}

# COLORING ACTIVITY



# MEASURES OF CENTER

*mean, median, mode, (+ range)*

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# MEAN, MEDIAN, MODE, & RANGE

## Coloring Activity!

**Objective:** To practice finding the mean, median, mode, and range of a given data set.

**Directions:**

- 1) Copy the activity worksheet and ice cream cones coloring picture for each student.  
I typically copy the coloring sheet on the back to save paper. I have my students show all work on a separate sheet of notebook paper.
- 2) If working in partners, Partner A does Set 1 and Partner B does Set 2. Each partner solves the problems in their set. They check with each other for matching answers to determine how to color the picture. **I highly recommend this as a partner activity!**

For example, if the answer to #1 is 29 and the answer to Light Green is also 29, then all 1's on the picture are light green. If the answer to #2 is 1.4 and the answer to Pink is also 1.4, then all 2's on the picture are pink. And so on.

This can also be done as an independent activity where each student does both sets (24 total problems).

- 3) After solving all the problems, students can color the picture. I have them staple their work to the paper and turn in for a classwork grade.

**MEAN, MEDIAN, MODE, & RANGE** Coloring Activity

**Directions:** Solve each question as indicated. Identify matching answers to Set 1 and Set 2, then color the ice cream cone accordingly. **STAPLE ALL WORK TO THE BACK!**

SET 1			
<b>1</b>	Find the mean: {15, 29, 16, 23, 42, 19}	<b>2</b>	Find the median: {1.4, 2.6, 1.8, 0.7, 1.9, 2.4, 2.1}
<b>3</b>	Find the mode: {7, 11, 15, 5, 17, 5, 12, 1}	<b>4</b>	Find the range: {101, 221, 98, 147, 202, 456}
<b>5</b>	Find the mean: {0.95, 1.36, 2.57, 0.81, 0.76}	<b>6</b>	Find the median: {4, 7, 12, 15, 5, 3, 3, 8, 10}
<b>7</b>	Find the mode: {44, 47, 52, 21, 28, 19, 52, 21, 28, 21}	<b>8</b>	Find the range: {7.5, 10.3, 4.6, 2.8, 2.6, 10.8}
<b>9</b>	Find the mean: {152, 237, 98, 183, 279, 131}	<b>10</b>	Find the median: {17, 11, 5, 8, 18, 22, 1, 6}
<b>11</b>	Find the mode: {0.25, 0.35, 0.45, 0.40, 0.35, 0.55}	<b>12</b>	Find the range: {17, 25, 35, 22, 31, 12, 17}

SET 2			
<b>RED</b>	Find the mode: {33, 24, 23, 8, 23, 18, 29, 33, 17, 23}	<b>ORANGE</b>	Find the range: {1.47, 2.13, 0.94, 1.52, 0.7}
<b>YELLOW</b>	Find the mean: {15, 22, 18, 27, 23}	<b>LIGHT GREEN</b>	Find the median: {10.3, 8.5, 6.2, 7.9, 9.6, 5.1}
<b>DARK GREEN</b>	Find the range: {1.30, 1.62, 1.29, 1.48, 1.27, 1.57}	<b>LIGHT BLUE</b>	Find the mode: {0, 9, 5, 8, 8, 5, 7, 7, 5, 4}
<b>DARK BLUE</b>	Find the mean: {7, 10, 5, 8, 3, 12, 4}	<b>LIGHT PURPLE</b>	Find the median: {195, 170, 165, 200, 180}
<b>DARK PURPLE</b>	Find the median: {30, 14, 26, 9, 25, 18, 29, 23, 16, 26}	<b>PINK</b>	Find the range: {5.6, 4.5, 5.1, 3.7, 3.8, 5.3}
<b>BROWN</b>	Find the mode: {299, 350, 358, 298, 267, 358, 288}	<b>BLACK</b>	Find the mean: {7, 10, 15, 9, 11, 5}

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