

Groundhog's Day

Name _____

Below are the averages temperatures in Punxsutawney, Pennsylvania from 2010-2017. Use your knowledge of measures of central tendency to answer the problems below the chart.

Year	temperature
2017	21 degrees
2016	34 degrees
2015	21 degrees
2014	37 degrees
2013	12 degrees
2012	32 degrees
2011	28 degrees
2010	22 degrees

1. What is the mean temperature for Punxsutawney, Pennsylvania on Groundhog's Day between 2010 and 2017? Hint: Mean is found by adding the individual temperature values and dividing by the number of temperatures.
2. What is the median temperature for Punxsutawney, Pennsylvania on Groundhog's Day between 2010 and 2017? Hint: Median is found by ordering all of the numbers and finding the middle value. In this case you'll find the two middle values, add them, and divide by two.
3. What is the mode temperature for Punxsutawney, Pennsylvania on Groundhog's Day between 2010 and 2017? Hint: Mode is the most common value.

4. What is the range of temperatures for Punxsutawney, Pennsylvania on Groundhog's Day between 2010 and 2017? Hint: Range is determined by subtracting the smallest value from the largest value.