## Practice – Part 1

**Instructions:** Answer each of the following practice questions on a separate piece of paper. Step by step solutions are provided under the Solutions tab. You will learn the material more thoroughly if you complete the questions before checking the answers under the Solutions tab in Moodle.

1.  Determine the required measure of central tendency given the following set of data:

    $5, 10, 14, 5, 3, 6, 9, 12, 5, 9$

    a.  the mean
    b.  the median
    c.  the mode

2.  Determine the required measure of central tendency for the following set of data:

    $6, 4, 10, 9, 3$

    a.  the mean
    b.  the median
    c.  the mode

3.  Four nine-year-old boys have a mean heights of $55.5 \text{ in}$. If the height of three of the boys are $54, 57.25,$ and $53.75$, what is the height of the fourth boy?