Geomety I Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_

Tools of Geometry – Unit 1

Midpoint Formula – Day 4



Example 1)

Find the midpoint of each line segment on the number line.



AC BD



Example 2.

Find the coordinates of M, the midpoint of GH, for G(8, -6) and H(-14, 12)

Example 3.

Find the coordinates of M, the midpoint of GH, for G(-6, 5) and H(9, -3)

Example 4.

Find the coordinates of D if E(-6, 4) is the midpoint of DF and F has coordinates (-5, -3)

Example 5.

Find the coordinates of R if N(8, -3) is the midpoint of RS and S has coordinates (-1, 5)