Assignment C

1.) Use a ruler to draw the figure described. $\overline{AB}$ and $\overline{CD}$ with M as the midpoint of both $\overline{AB}$ and $\overline{CD}$. $\overline{AB}$ 6.4 cm and $\overline{CD}$ 4.0 cm. A, B, and C are not collinear.

2.) M (4, 8) is the midpoint of $\overline{DE}$. D has coordinates (6, 1). Find the coordinate of E.

3.) Sketch six points A, B, C, D, E, and F, no three of which are collinear. Name the lines defined by these points. How many lines are there?

4.) Sketch six points U, V, W, X, Y, and Z, on four lines such that each line contains three points. How many lines are concurrent at each point?

5.) In the figure below, {B, C, H, E} is a set of four coplanar points. Name two other sets of four coplanar points. How many sets of four coplanar points are there?

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