1. How much memory is needed to display a color image with 8-bit RGB fixed-range color (8-bits for each color) on a 1024 x 1024 pixel monitor?

2. What is a raster image?

3. Name a 3D display system of your choice and BRIEFLY describe how it works.

4. Write down one transformation matrix that we discussed on Wednesday. Make sure to tell me which transformation it is.

5. Write down the steps to rotate a point \((x, y)\) by 30° around the point \((2, 4)\). This should be in words, not in matrix form.