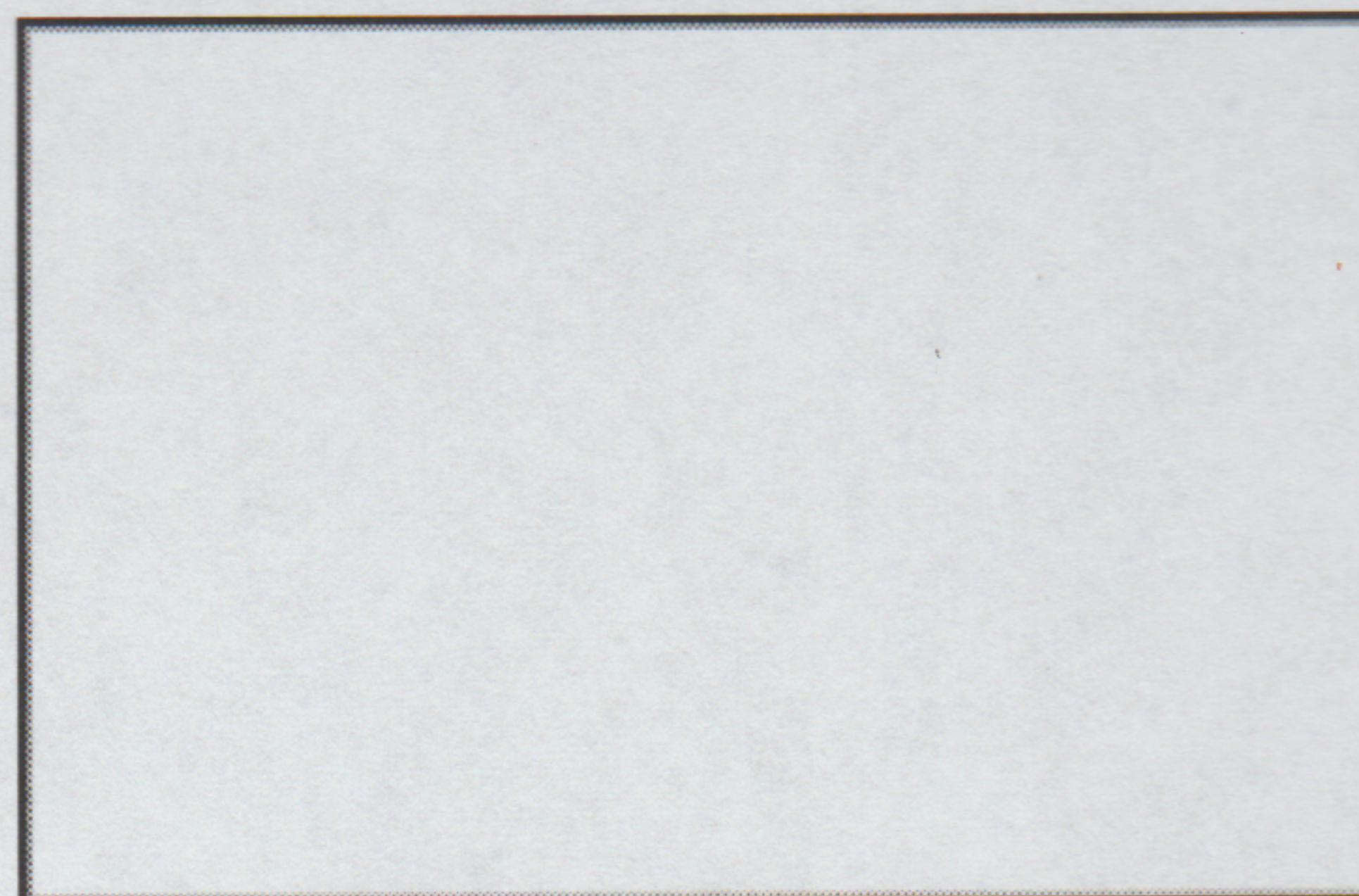
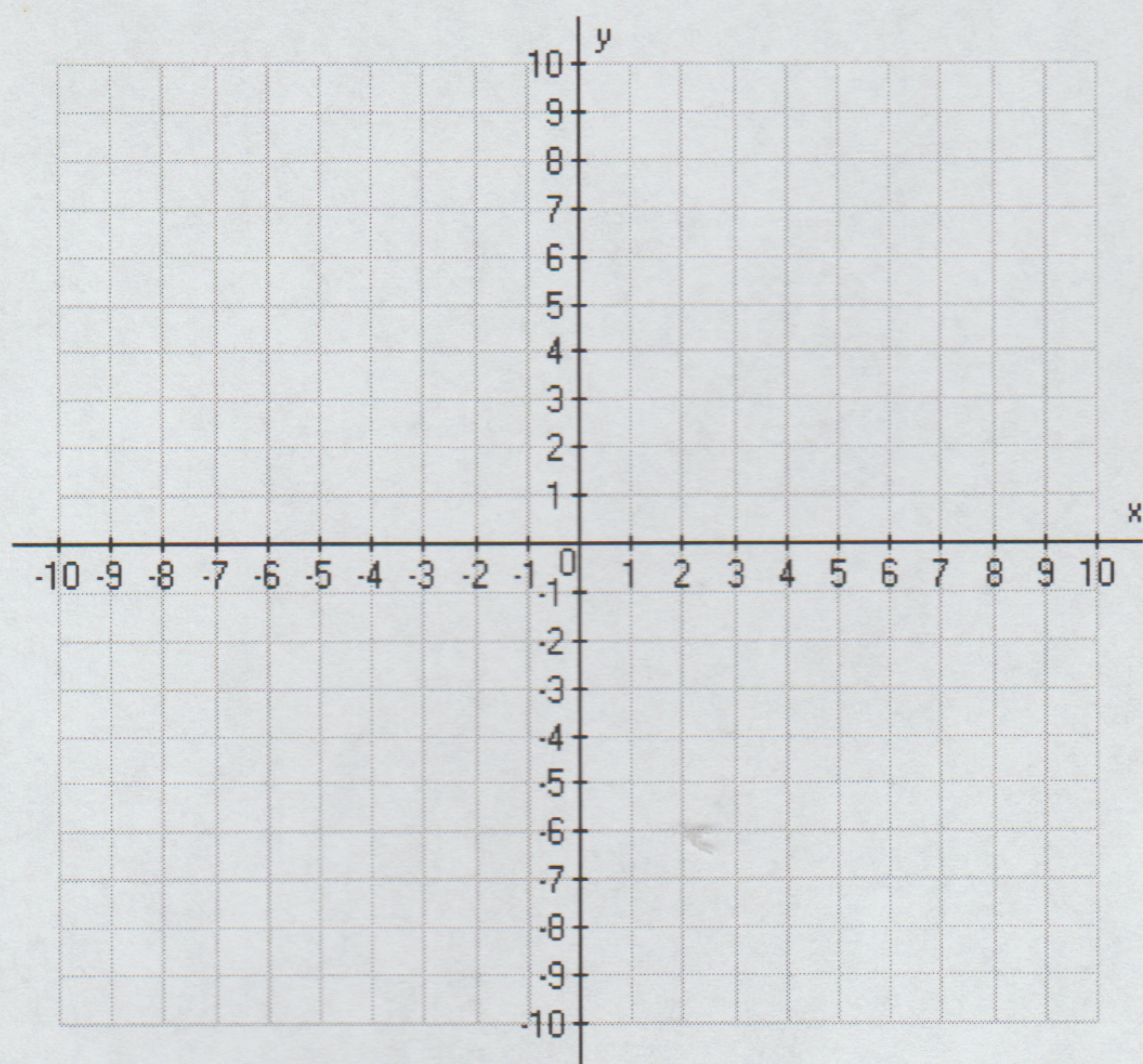


Equation of circle:

8) Graph the circle with center at $(-1, -2)$, which also passes through the point $(0, 2)$. Label the center and at least four points on the circle. Write the equation of the circle.



Equation of circle:

9) Challenge: Graph the equation with a diameter that has endpoints at $(-3, 4)$ and $(5, -2)$. Label the center and at least four points on the circle. Write the equation of the circle.

