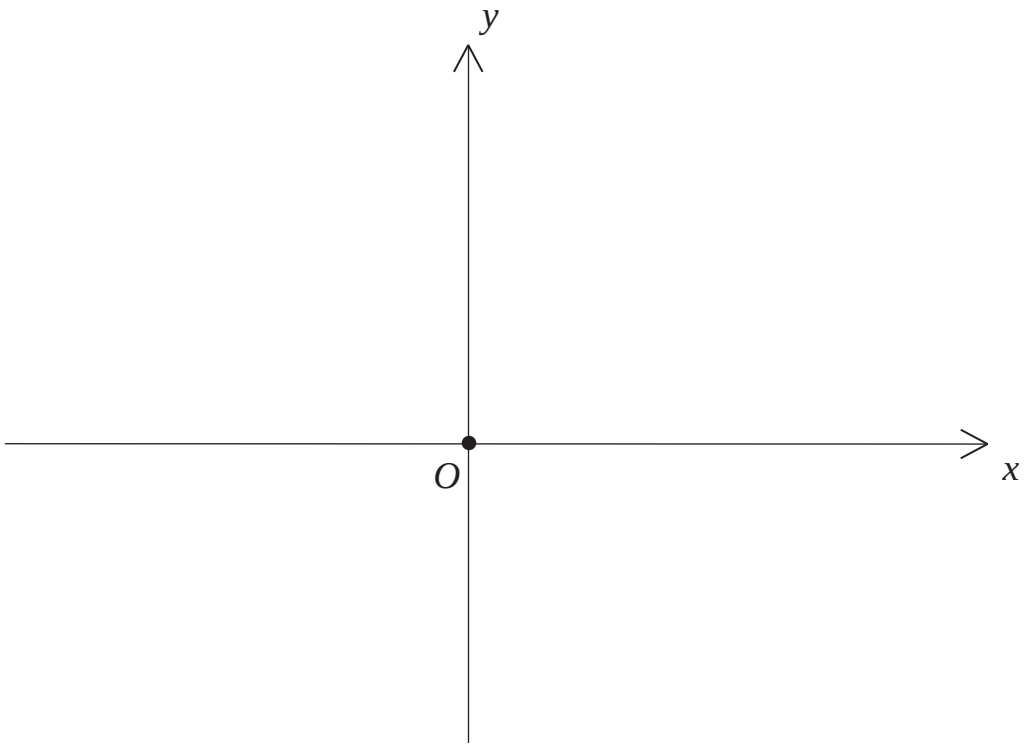
Quiz 8. April 15, 2011. Name

1. In the space below draw Alberti's 6 by 6 tile floor, first "as it is" and then as you would see it in perspective lying at some distance directly in front of you (with its leading edge perpendicular to your line of sight).

2. Place the points $(-5, 2)$ and $(6, -4)$ into the coordinate plane below and sketch the line through them. Determine a pair of parametric equations for the line (in the variable t).



3. (continuation of problem 2) Show that the point $(17, -10)$ is on this line by determining the value t that gives rise to it.