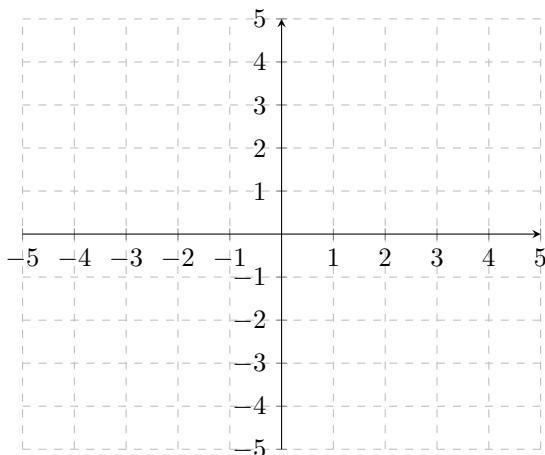First Name _____ Last Name _____ Date ___ – ___ – ___ Period _____ Score _____

Let A be $(1, 2)$ and B be $(2, 4)$.

1. Plot A and B on the coordinate axes below (label them), then sketch the line containing them.

2. Find the slope of the line AB, then find an equation of AB.

3. Determine if $(3, 5)$ is a point on AB.

4. Find the equation of the line parallel to AB and containing the point $(6, 7)$.