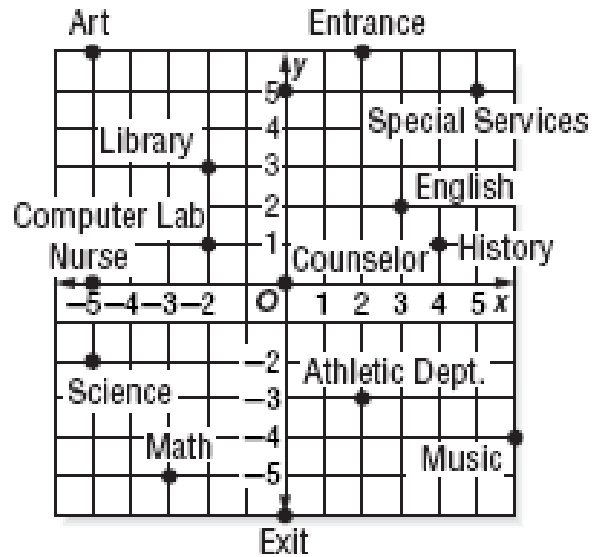


Appendix 8-C Coordinate Plane Worksheet

Use the coordinate plane at the right to answer questions 1 to 4. It shows a map of the rooms in a junior high school.



- Jessica is in the room located at (5, 5). What room is she in? Describe in words how to get to the nurse from this point.
- Jessica's next class is 8 units to the right and 2 units up on the map from the nurse. In what room is Jessica's next class? Find the ordered pair that represents the location of that room.
- Lucas is in the Music room, but his next class is in the Library. Give Lucas directions on how to get to the Library.
- On the map, which classrooms are located in the third quadrant? Describe the coordinates of all points in the third quadrant.
- Robert made a map of his neighborhood in such a way that each intersection is a point on a coordinate plane. Right now, Robert stands at point $(-4, -3)$. Give the ordered pair of where he will be if moves 5 units to the right and 7 units up on the map.
- Refer to Exercise 5. In which quadrant is Robert when he is done walking? Describe this quadrant.

Appendix 8-C **Coordinate Plane Worksheet**