**Lesson 5.3**
Homework Answers
Pg 259 - #1-15, 19-22, 27-29, 37-39

| | |
|---|---|
| 1) (-2, -3) | 29) Altitude; $\overline{AB}$ is $\perp$ to a side fm a vertex. |
| 2) (0, 0) | 37) C |
| 3) (1½, 1) | 38) H |
| 4) (2, -1½) | 39) D |
| 5) (-3, 1½) | |
| 6) (-3, -4½) | |
| 7) (3½, 3) | |
| 8) C | |
| 9) Z | |

10) Find the $\perp$ bisectors of the side of the $\Delta$
    formed by the tennis court, playground,
    and volleyball court. That point will be
    equidistant from the vertices of the $\Delta$.

11) $TY = 18$; $TW = 27$

12) $ZY = 4½$ ; $ZU = 13½$

13) $VY = 6$ ; $YX = 3$

14) Median; $A$ is a midpt.

15) Neither; it's not a segment drawn from a
    vertex.

19) $\overline{BE}$

20) $\overline{FC}$

21) $\overrightarrow{CA}$

22) $\overline{DG}$

27) $\angle$ bisector; it bisects an $\angle$.

28) None of these; it is a midsegment.