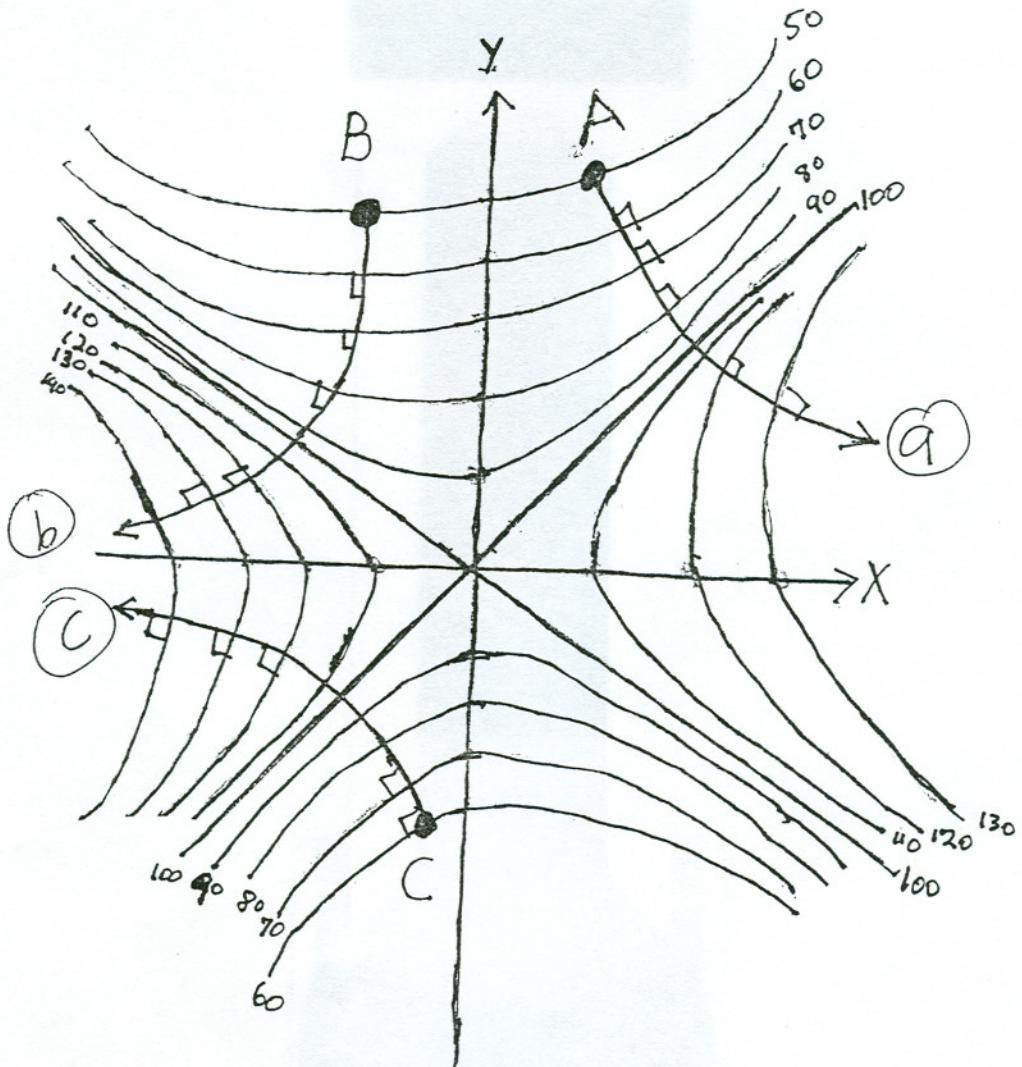


7. The picture shows the isothermal curves which correspond to the temperature function $T(x, y)$.

- A heat seeking particle starts at the point A . Draw the path of this particle. (The particle always moves in the direction of the greatest increase in temperature.)
- A heat seeking particle starts at the point B . Draw the path of this particle.
- A heat seeking particle starts at the point C . Draw the path of this particle.



Whenever a path and an isothermal curve meet, the two curves must be perpendicular.