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- 1) a) What is the apogee altitude of a ballistic missile fired on an optimum trajectory across a 6000 km range?
 - b) What is the apogee altitude of the missile when fired with the same velocity to a range of 3000 km?
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- 2) Determine the range of initial velocities and elevation angles which will carry a projectile over a 30,000 km range on the earth.
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- 3) Curtis (3.8).
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- 4) Curtis (3.11).
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