Concept_Grade-9_Euclid's Geometry

Euclid's Axioms

1. Explain when a system of axioms is called consistent.

2. Express in variables the things which are double of the same thing are equal.

3. State any two Euclid's axioms.

4. State other Euclid's axioms.

5. Why is Axiom 5, in the list of Euclid's axioms, considered a 'universal truth' ?

6. Show that of all the line segments drawn from a given point to a line, not on it, the perpendicular line segment is the shortest.