**Atomic Energy Education Society**

**Class:-9. Subject :Mathematics**

**Ch.13 Surface areas and Volumes**

**Worksheet 2**

**Solve:-**

**1. A hemispherical bowl has a radius of 3.5 cm. What would be the volume of water it would contain?**

**2. Find the total surface area of a cube whose volume is 343 cubic cm.**

**4. If the volume of a right circular come is 4928 cubic cm and the diameter of its base is 14 cm, find its slant height.**

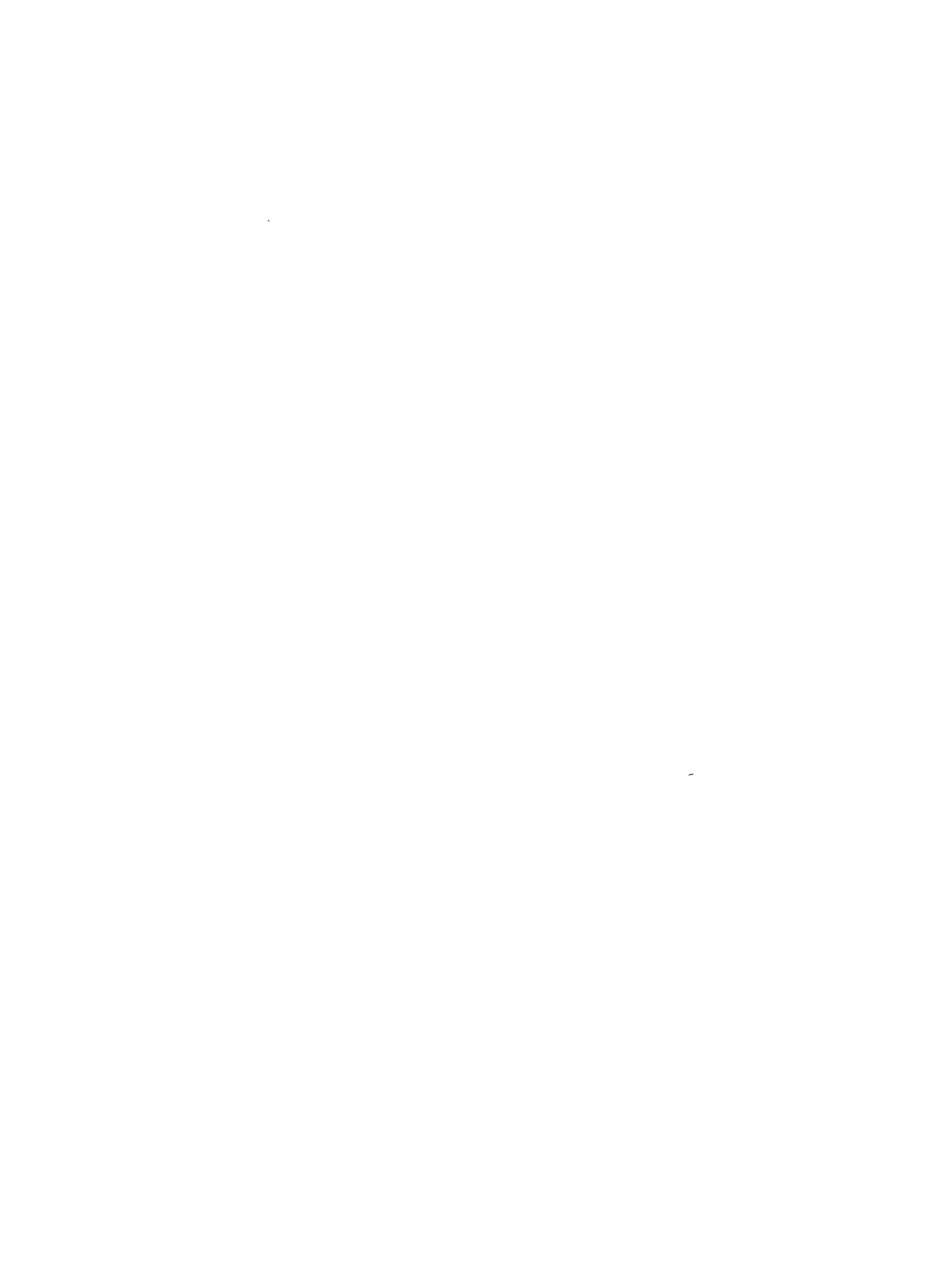
**5. The diameter and volume of a right circular cone is 56 cm and 78848 cubic cm. Find its slant height.**

**6. The circumference of the base of a cylinder is 30.8 cm. Its curved surface area is 289.54 sq cm. Find its height.**

**7. The volume of a sphere is 310.4 cubic cm. Find its radius.**

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