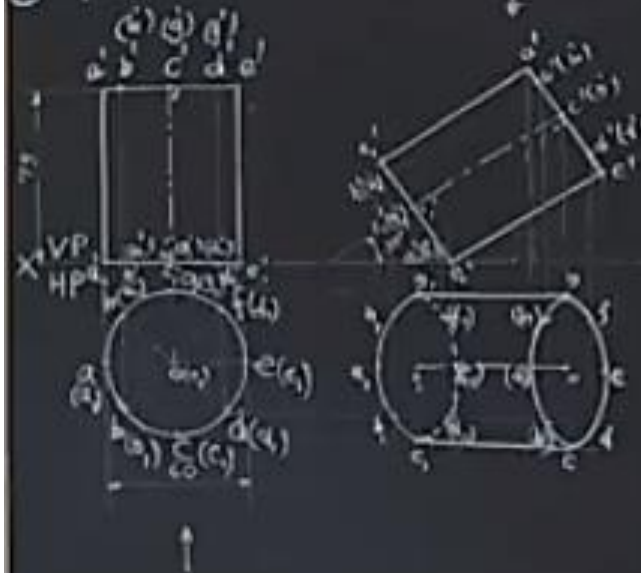


ENGINEERING GRAPHICS 1

CLASS 7: PROJECTION OF SOLIDS 2
(SHEET 7)

⑥ Cylinder 60 x 75 mm, axis 30° to HP & 45° to VP



PROJECTION OF SOLIDS-II

⑦ Pyramid 30 mm side, axis 30° to HP

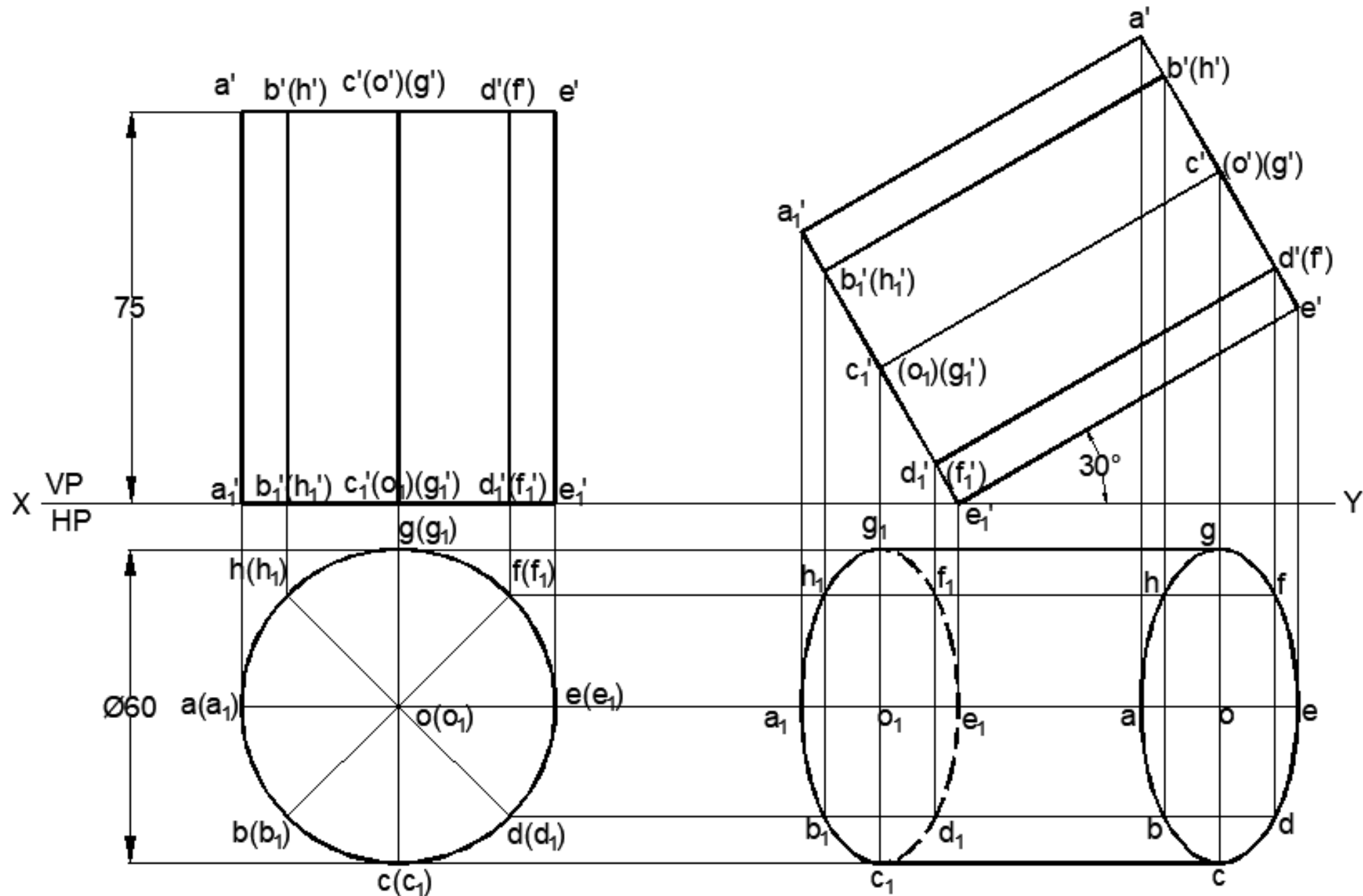


⑧ Cone 25 mm dia, 60 mm axis, VP 45° to VP



QUESTION BANK: PROJECTION OF PLANES - PROBLEM 16

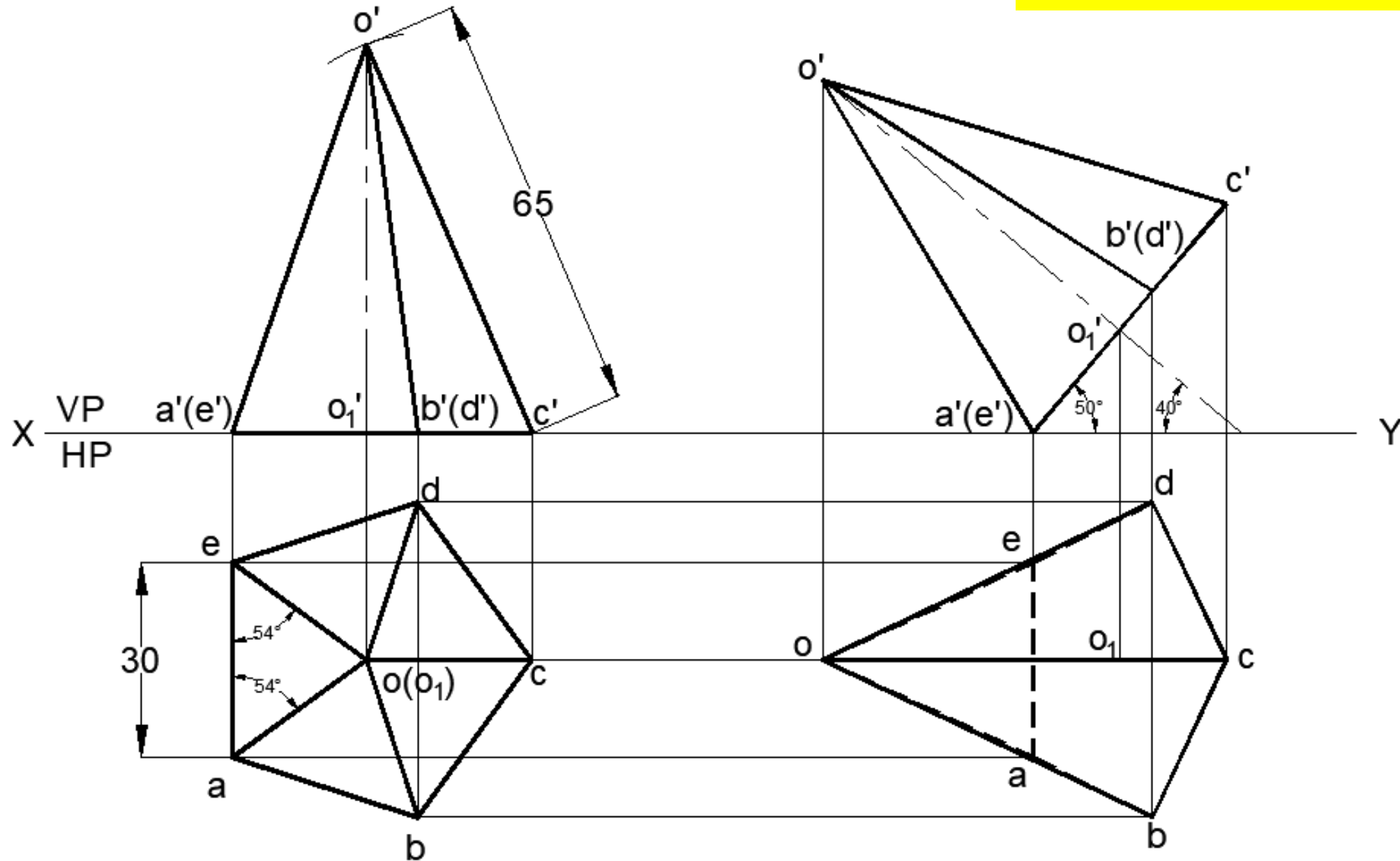
Draw the top and front views of a right circular cylinder of base 60 mm diameter and axis 75 mm long resting on a point of its rim on HP. The axis of the cylinder is parallel to VP and inclined at 30° to HP.



QUESTION BANK: PROJECTION OF PLANES - PROBLEM 7

Hint: Take complementary angle of 50° with base if axis is inclined at 40° to HP.

A pentagonal pyramid 30 mm sides of base and 65 mm slant height rests on HP on one of its base edges. Draw the projections of the pyramid when the axis is inclined at 40° to HP.



QUESTION BANK: PROJECTION OF PLANES - PROBLEM 8

Hint: Take complementary angle of 45° with base if axis is inclined at 45° to VP.

A hexagonal pyramid 25 mm sides of base and 60 mm axis length rests on VP on one of its corners of the base. Draw its projections of the pyramid when the axis is inclined at 45° to VP.

