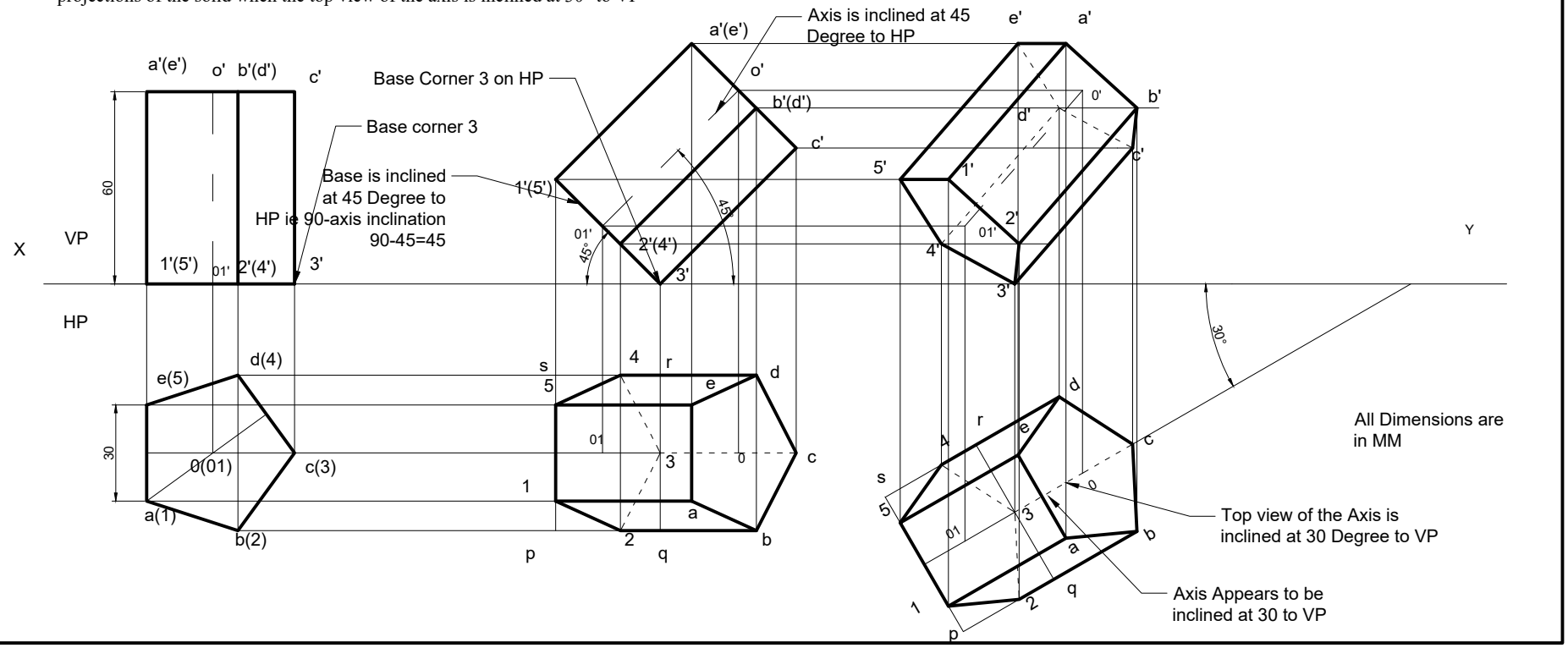
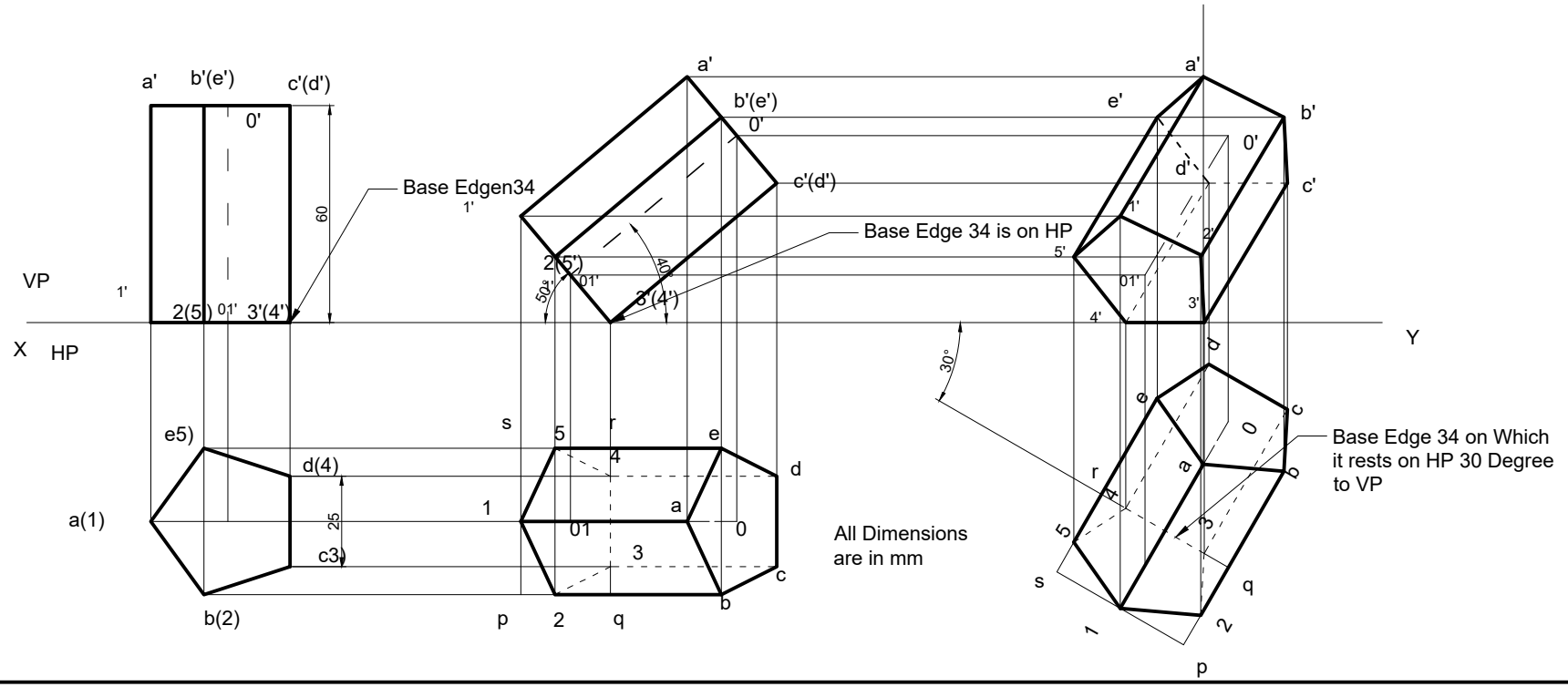
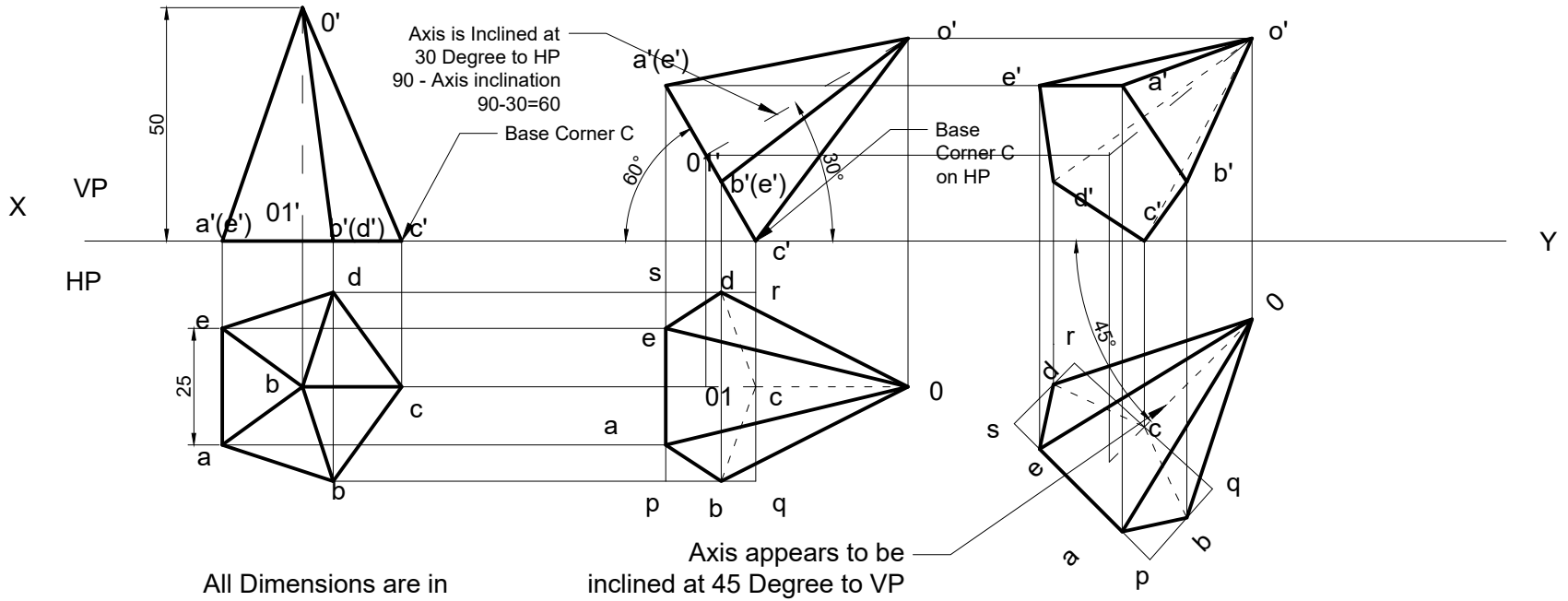
5 a. A pentagonal prism base 30mm and height 60 mm is resting on one of its corners of its base on the HP and its axis inclined at 45° to the HP. Draw the projections of the solid when the top view of the axis is inclined at 30° to VP



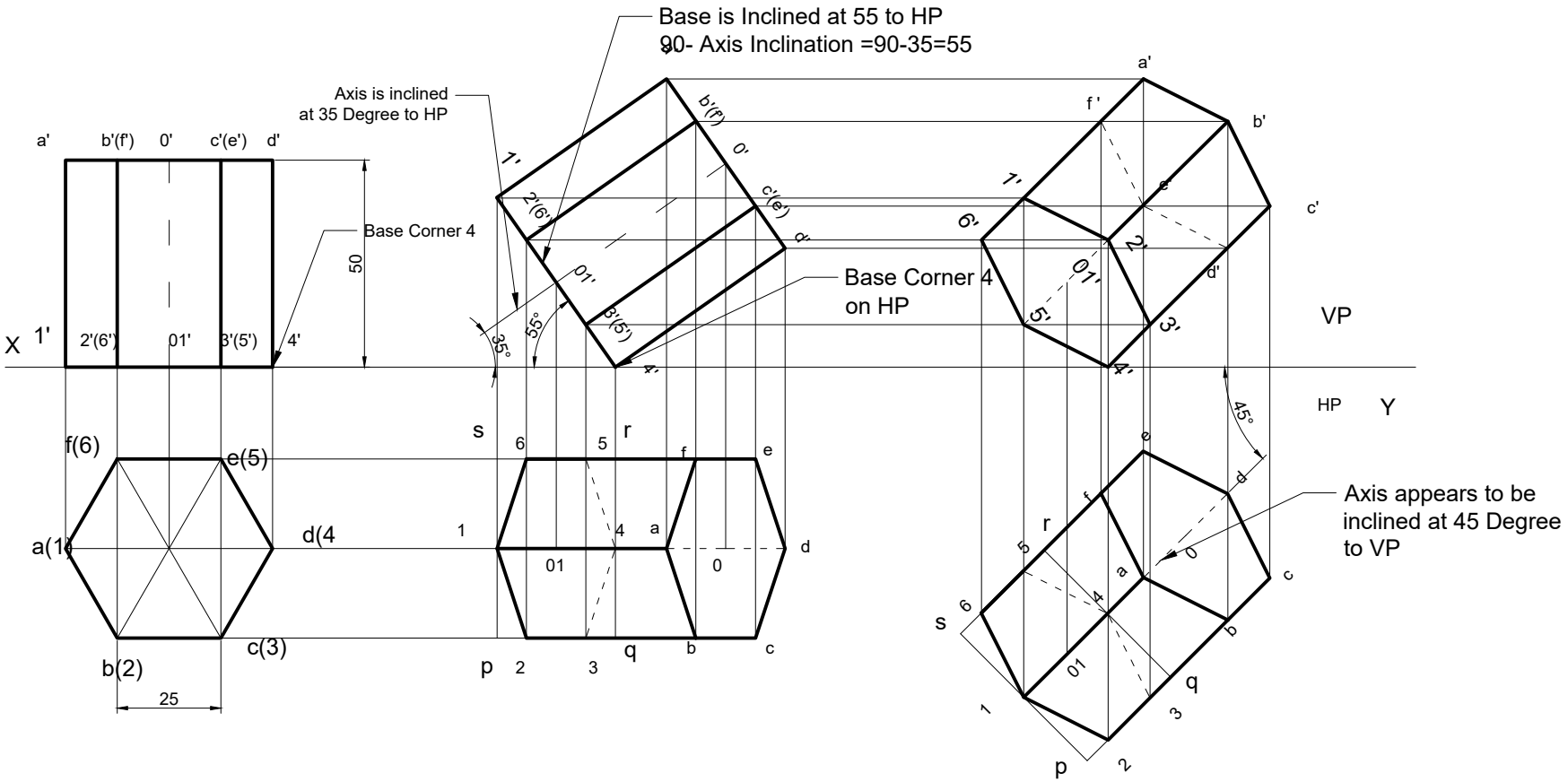
5b). A pentagonal prism 25mm sides of base and 60mm axis length rests on HP on one of its edges of the base which is inclined to VP at 30o. Draw the projections of the prism when the axis is inclined to HP at 40



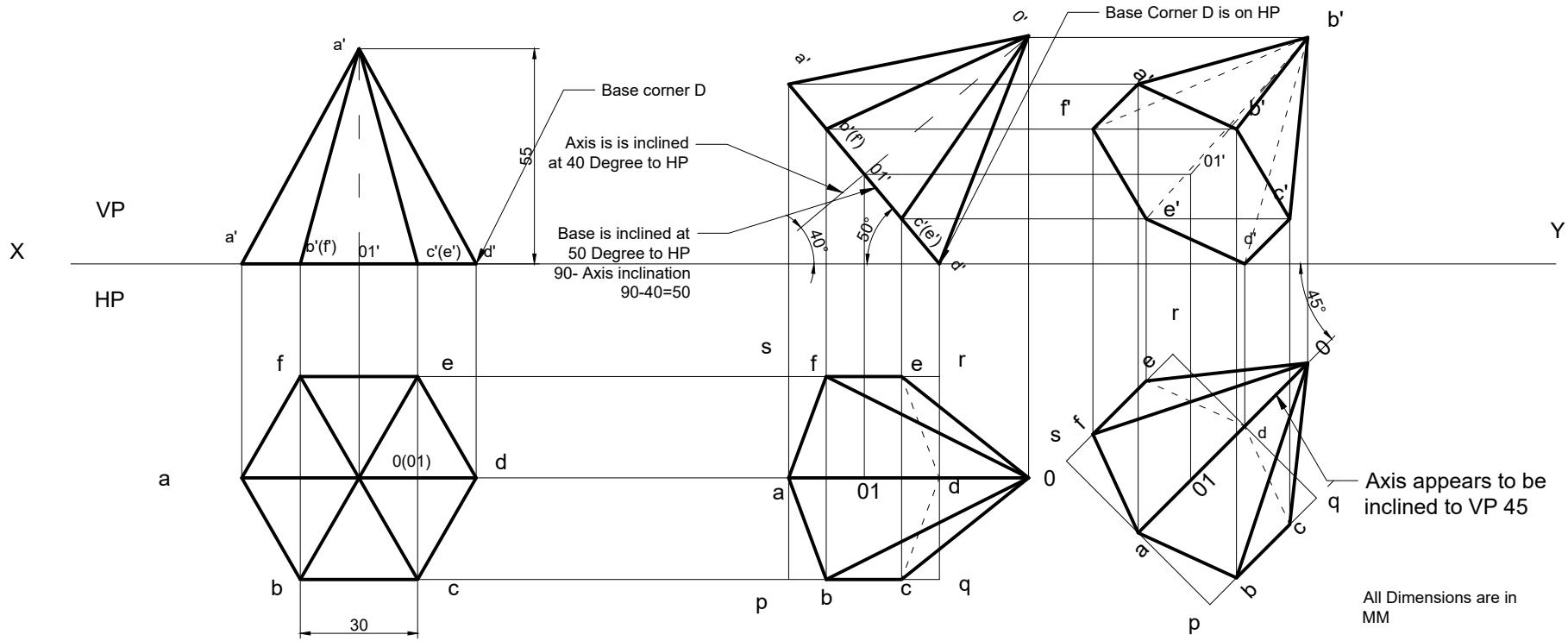
6.A pentagonal pyramid 25mm sides of base and 50mm axis length rests on HP on one of its corners of the base such that the two base edges containing the corner on which it rests make equal inclinations with HP. Draw the projections of the pyramid when the axis is inclined to HP at 30° and appears to be inclined to VP at 45°



7.A hexagonal prism 25mm sides of base and 50mm axis length rests on HP on one of its corners of the base such that the two base edges containing the corner on which it rests make equal inclinations with HP. Draw the projections of the prism when the axis is inclined to HP at 35°and appears to be inclined at 45° to VP



8a). A hexagonal pyramid 30 mm sides of base and 55 mm axis length rests on HP on one of its corner of the base such that two base edge containing the corner on which it rests makes equal inclinations with HP. Draw the projections of pyramid when the axis of the pyramid is inclined to HP at 40° and appears to be inclined to VP at 45°.



8b) A hexagonal pyramid 25 mm sides of base and 50 mm axis length rests on HP on one of its edge of the base which is inclined to VP at 55o. Draw the projection of pyramid when the axis inclined to HP at 30°.