1) ABCDV is a square-based pyramid. AB=12cm and DV=10cm. Find:
(a) the angle between the line AV and the plane ABCD.
(b) the angle between the planes ABV and ABCD.

2) The diagram shows a cuboid. Find:
(a) the angle between line BH and plane ABFE
(b) the angle between planes ABGH and ABCD.

3) In the diagram, all the angles at C are right angles, and ACB and ADB are isosceles triangles. AC=BC=8cm, and CD=5cm. Find the angle between planes ABC and ABD.

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