

INTERSECTIONS - TRIANGULAR AND HEXAGONAL PRISMS

HELPFUL LINK: https://technologystudent.com/despro_3/inter2.html

HELPFUL LINK

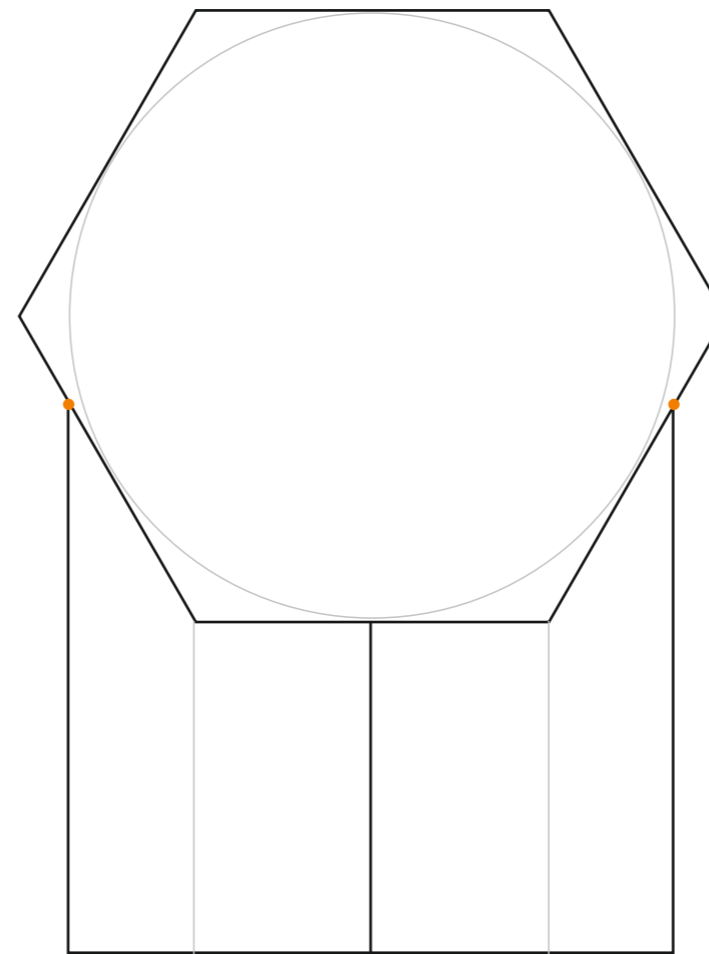
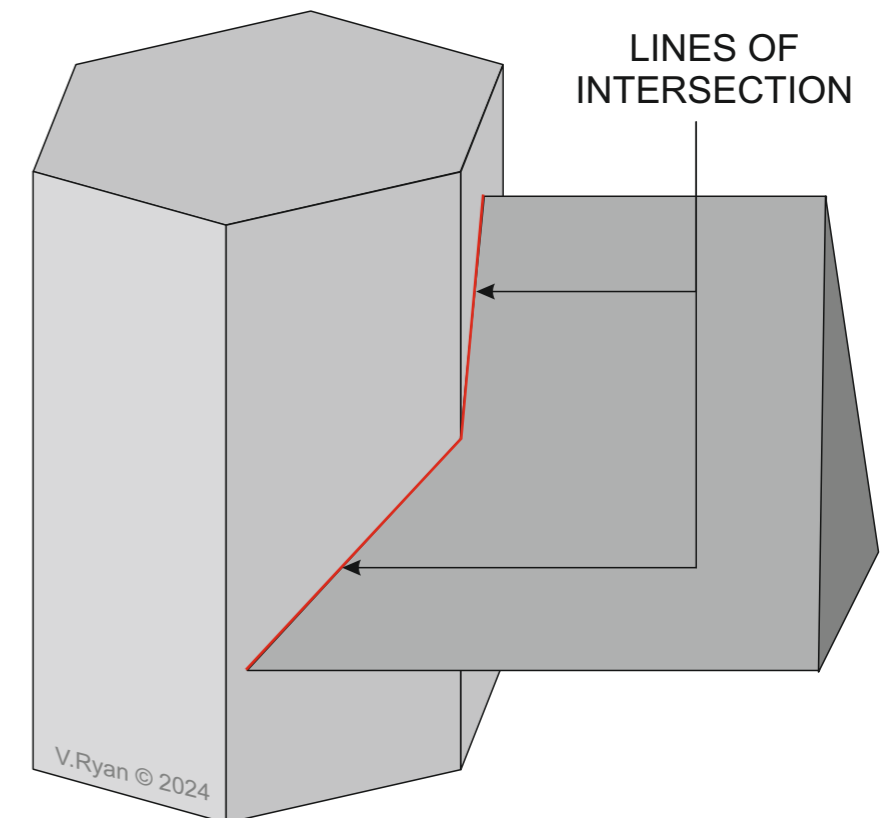


When two 'prisms' intersect, a line or lines of intersection' are created. These are clearly visible on an orthographic and 3D drawing.

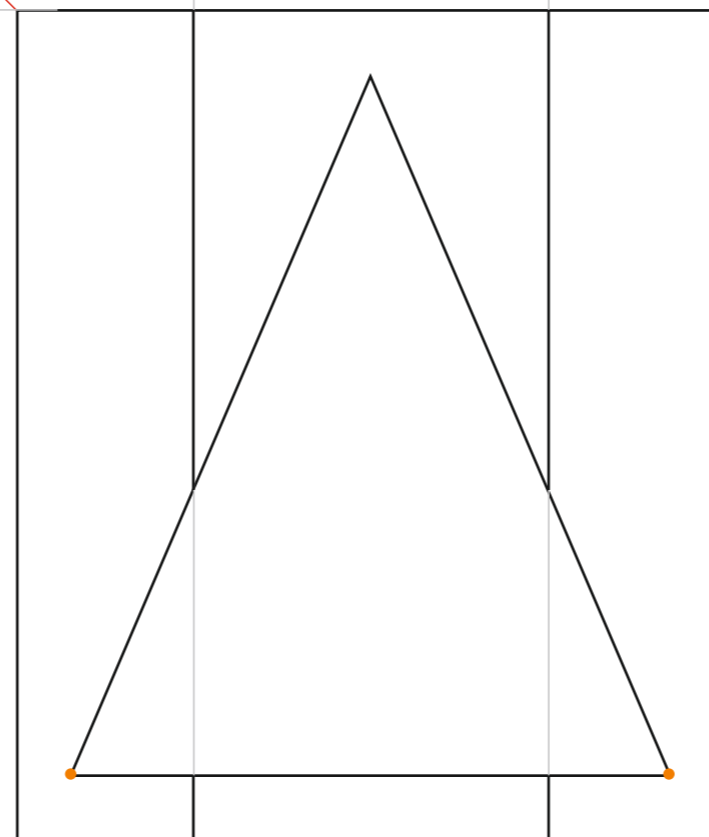
QUESTION

DRAW THE SIDE VIEW OF THE TWO INTERSECTING HEXAGONAL AND TRIANGULAR PRISMS. CLEARLY SHOW THE LINE(S) OF INTERSECTION.

3D VERSION



PLAN VIEW



FRONT VIEW

SIDE VIEW

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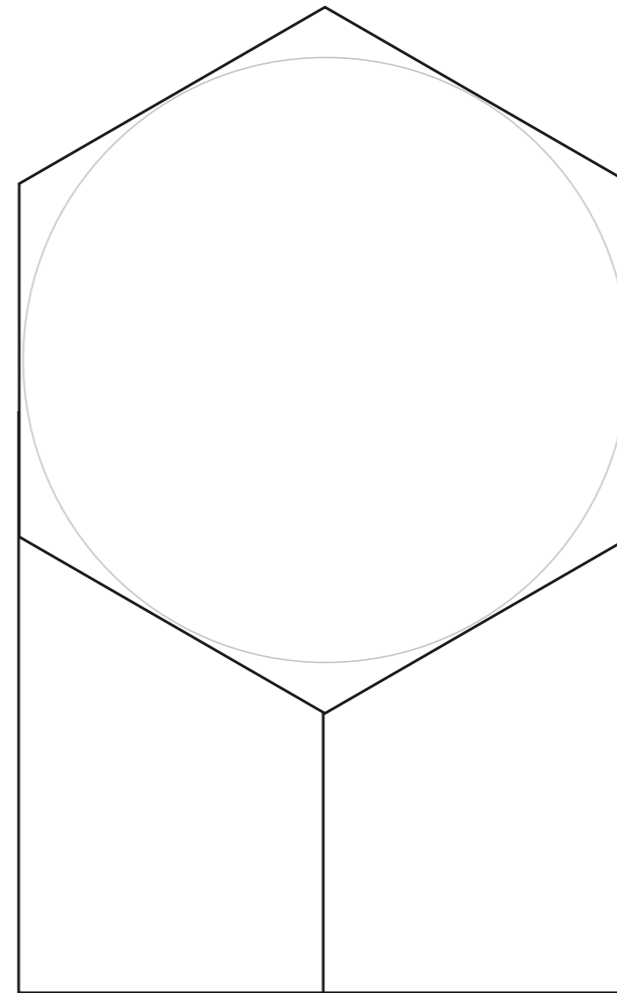
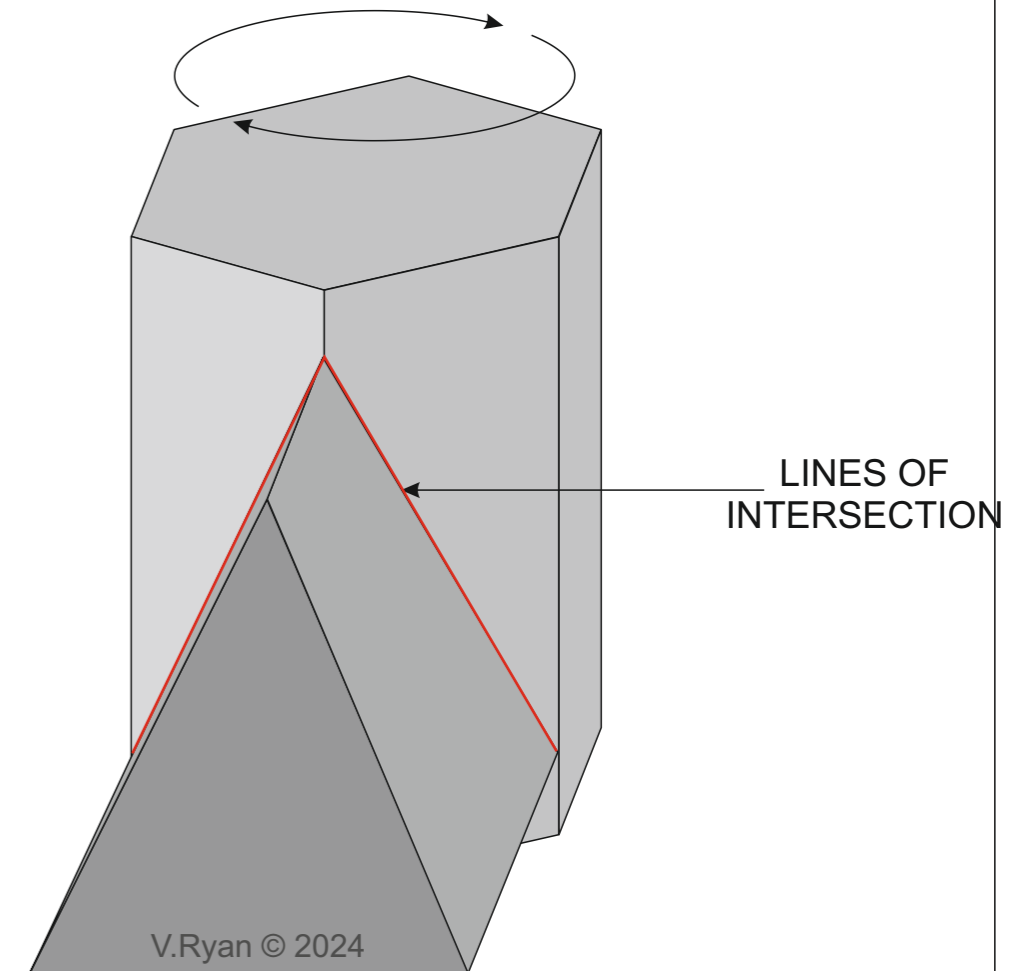
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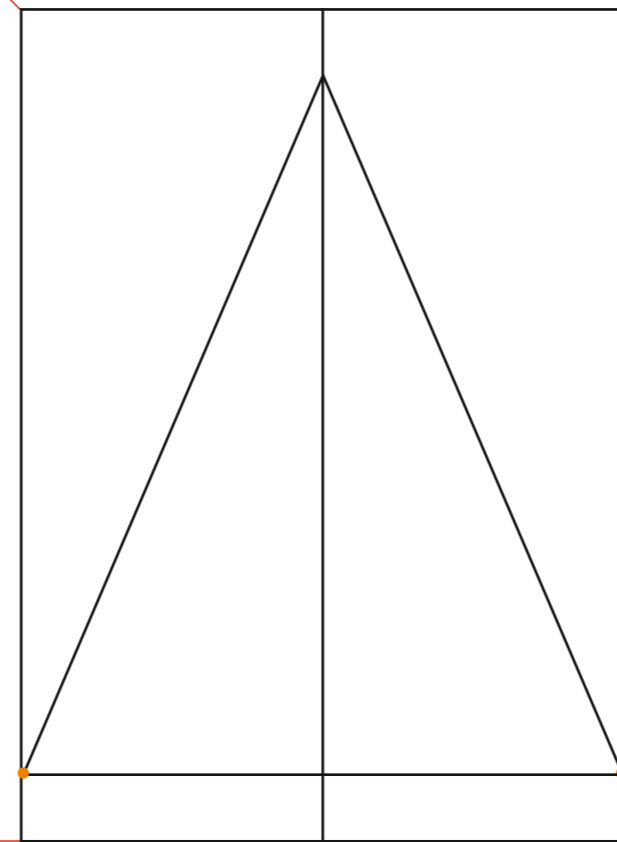
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3D VERSION

NOTE: IN THIS QUESTION THE HEXAGONAL PRISM HAS BEEN ROTATED BY 45 DEGREES



PLAN VIEW



FRONT VIEW

SIDE VIEW