

## 4.7 Optimization Problems

### 填充題

1. A wedge is cut out of a circular cylinder of radius 6 by two planes. One plane is perpendicular to the axis of the cylinder. The other intersects the first at an angle of  $45^\circ$  along a diameter of the cylinder. Find the volume of the wedge.

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Ans: 144 [99 學年度]