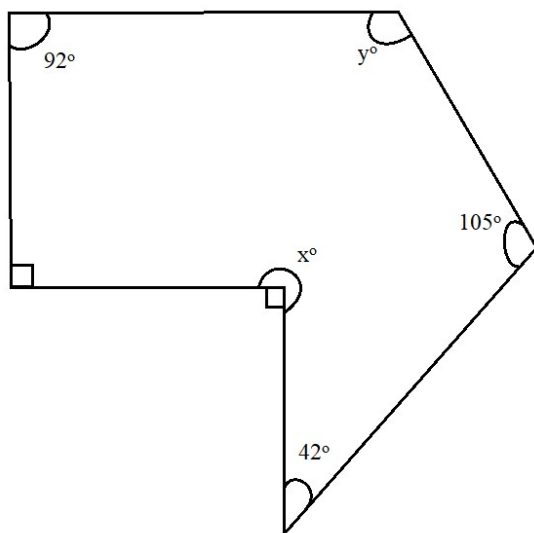
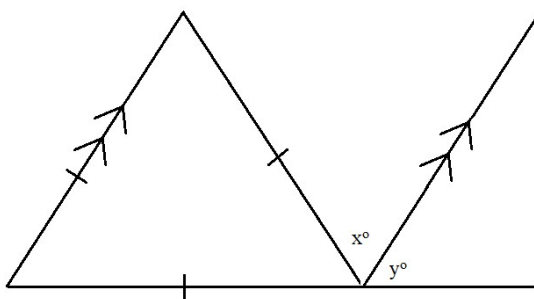
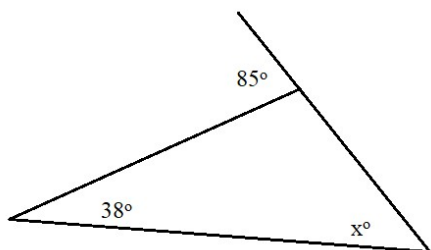
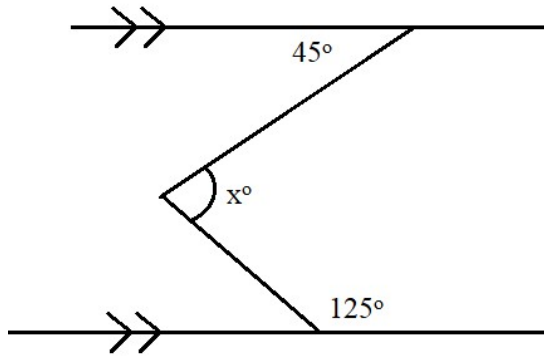


VCE Class 10 Mathematics – Measurement Assignment

NAME: _____ **MARKS:** 57

1. Determine the value of the pronumerals in the following. (7)

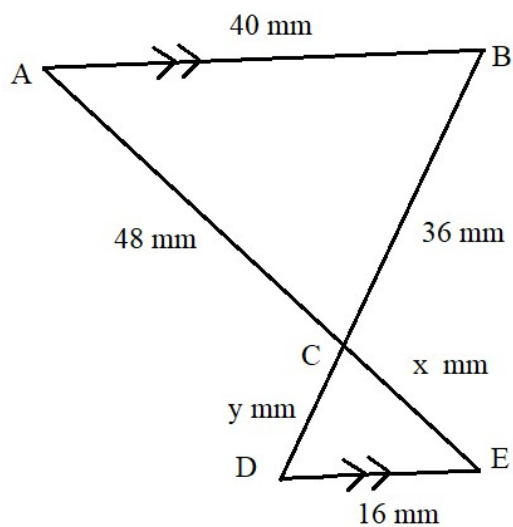




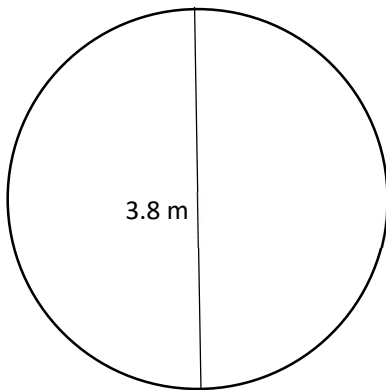
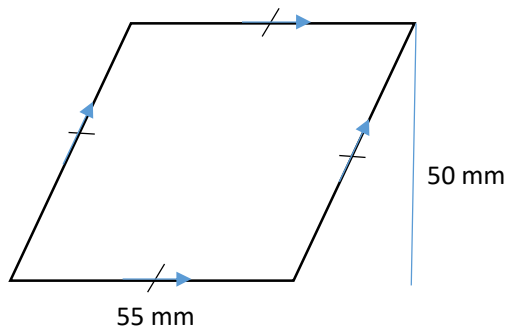
2. The perimeter of a shape is 5040 cm. What length is this in km? (1)

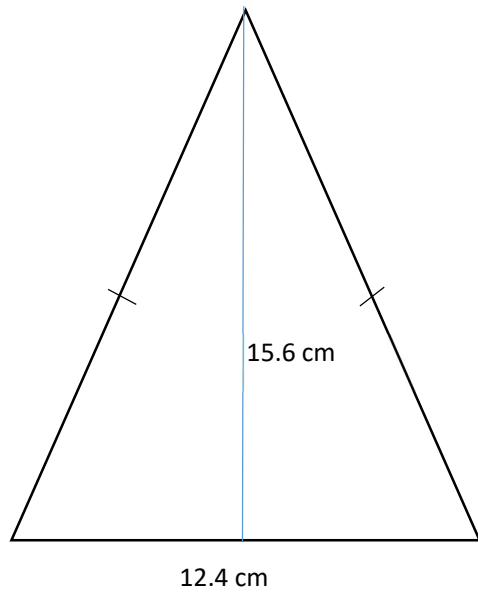
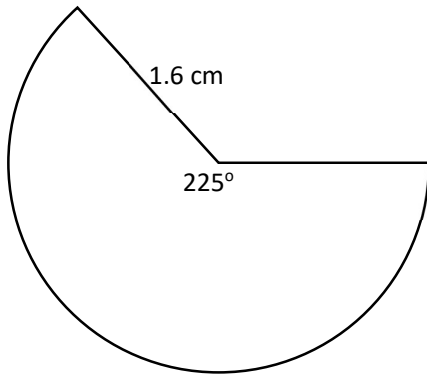
3. The volume of a solid is 0.42 m^3 . What is the volume in mm^3 ? (1)

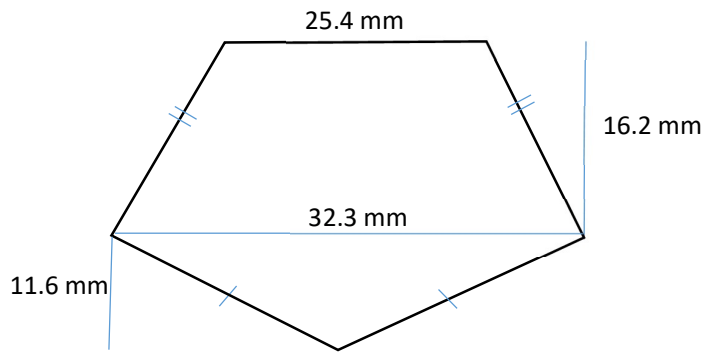
4. Prove or show that the following two shapes are similar and hence determine the value of the pronumerals. (4)



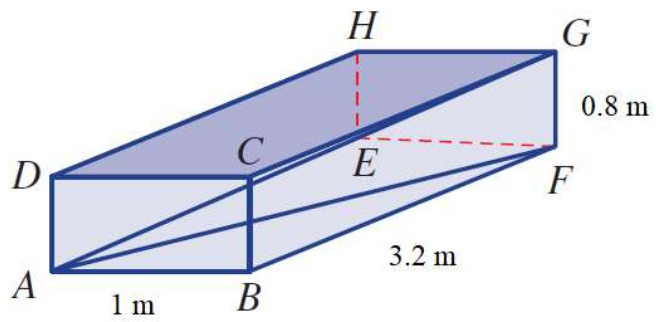
5. Determine the perimeter/circumference and area in the following shapes. (13)



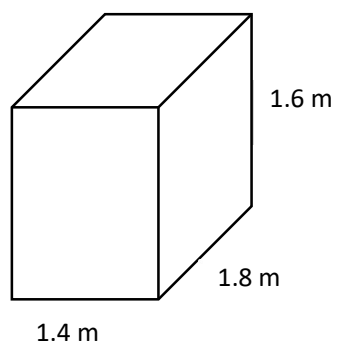


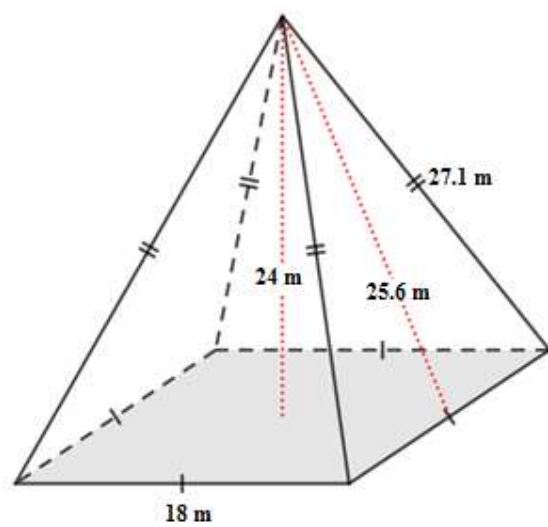
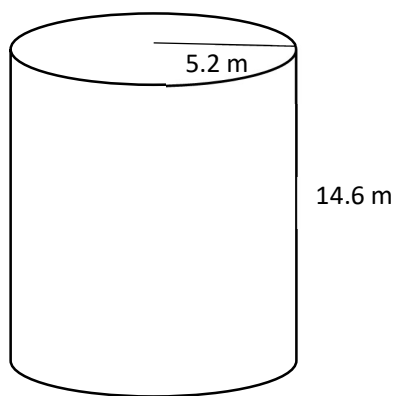


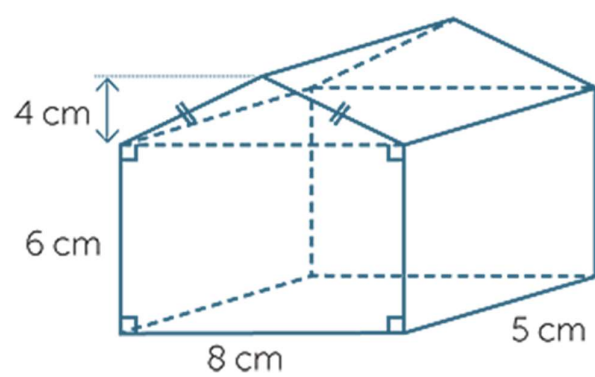
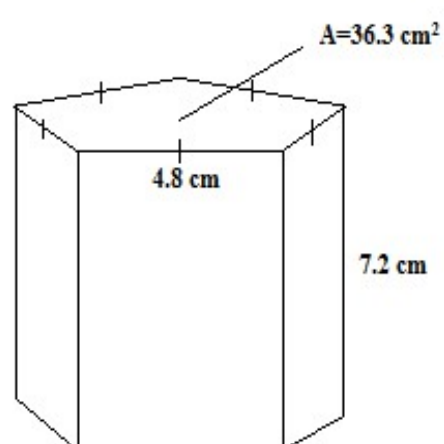
6. Determine the length AG in the following. (2)

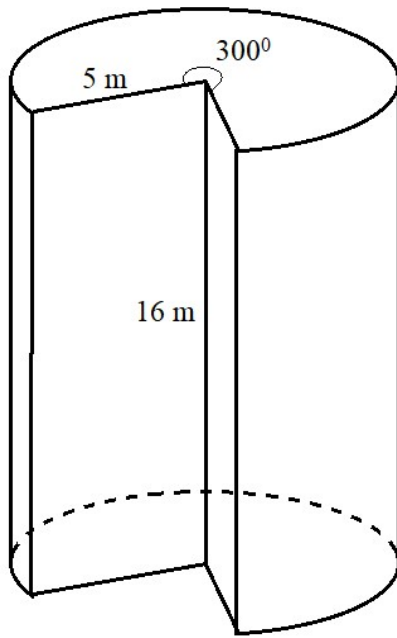


7. Determine the volume AND the total surface area of the following solids. (24)



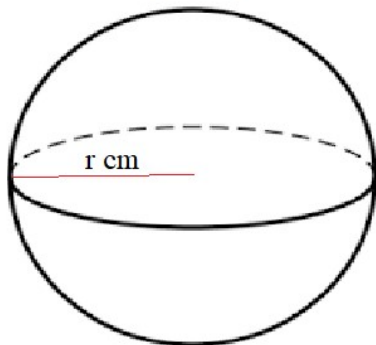






8. Determine the radius in the following sphere. (2)

$$V = 25.7 \text{ cm}^3$$



9. A cube has a total surface area of 660 cm^2 . Determine the side length of the cube. (3)