Part 2 Practice

1. Draw and label a diagram of each shape, then calculate the missing dimension.

**a)** A cylinder has a volume of 3m ³ and a radius of 0.8 m. What is the height of the cylinder? ( ans 1.5 m)

**b)** A cylinder has a volume of 553 cm³ and a height of 11 cm. What is its radius? ( ans 4 m)

c) A cylindrical pop can has a volume of 355 cm³. Determine to the nearest cm, the diameter of the can if the height is 12.0 cm ( ans 6cm)