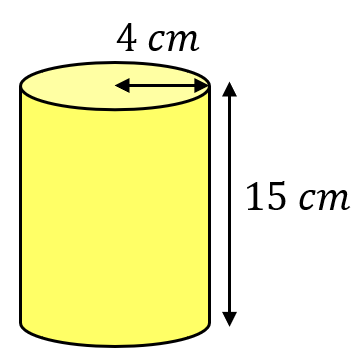
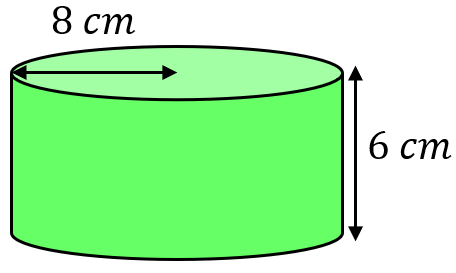
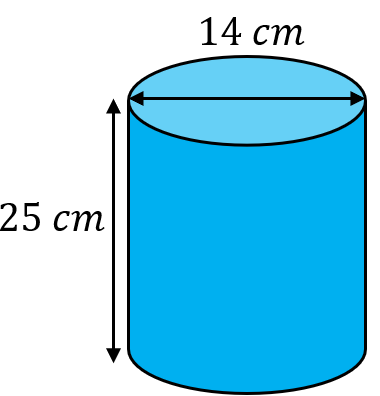
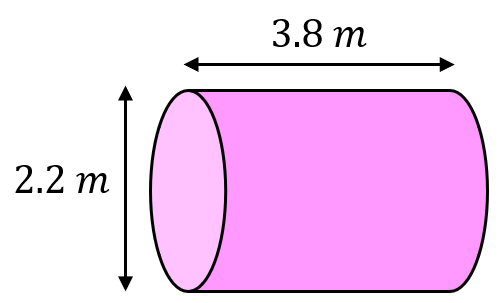
**Volume and Surface Area of Cylinders**

Find the volume and total surface area of each of these cylinders.

(a) (b)

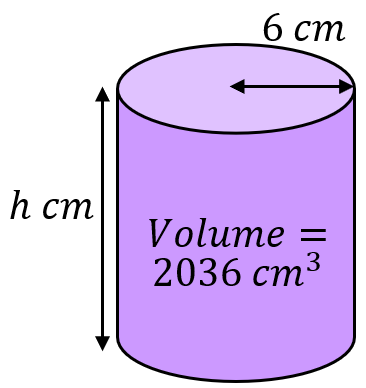
(c) (d)

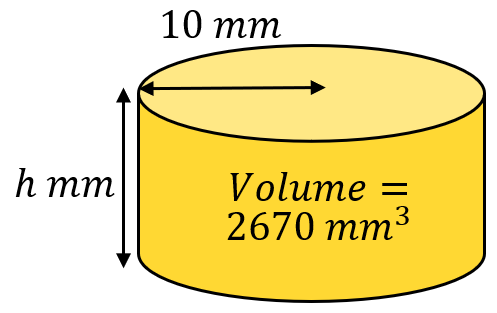


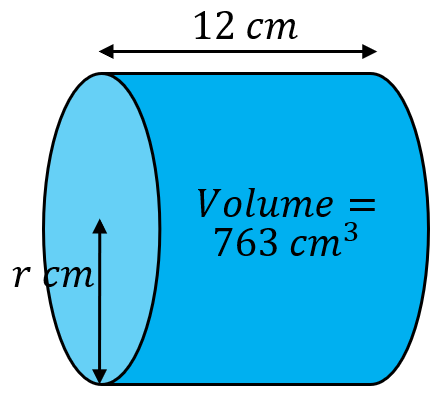
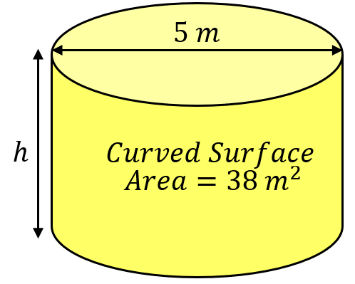
(a) Find the volume and surface area of a soup tin with a radius of 4.5 cm and a height of 12.5 cm.

(b) Find the volume and **curved** surface area of a glue stick with a diameter of 26 mm and a height of 70 mm.

Find the missing lengths.

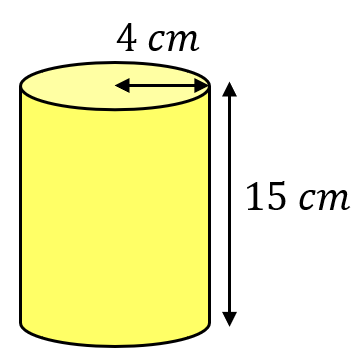
(a) (b)

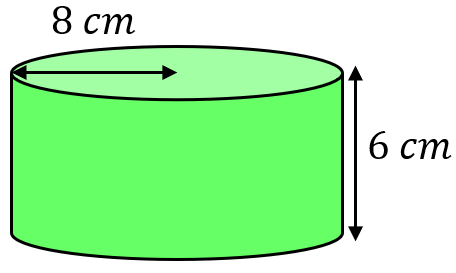


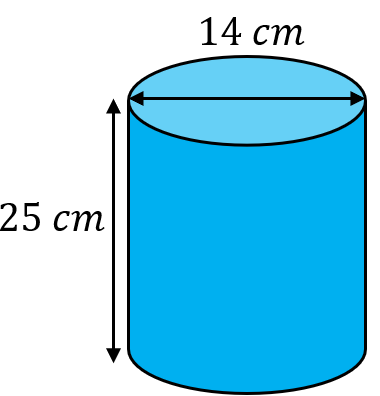
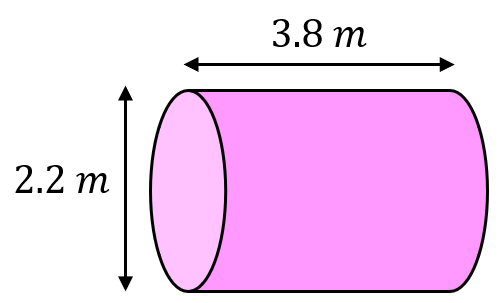
(c) (d)

A cylinder has a height of and a curved surface area of Find its volume.

**Volume and Surface Area of Cylinders**

Find the volume and total surface area of each of these cylinders.

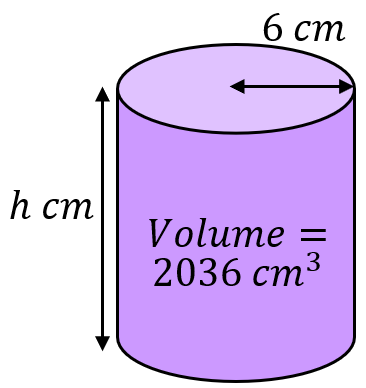
(a) (b)

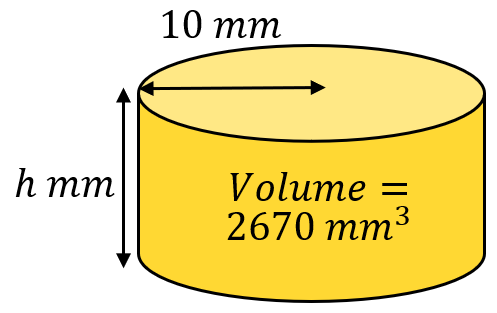
(c) (d)

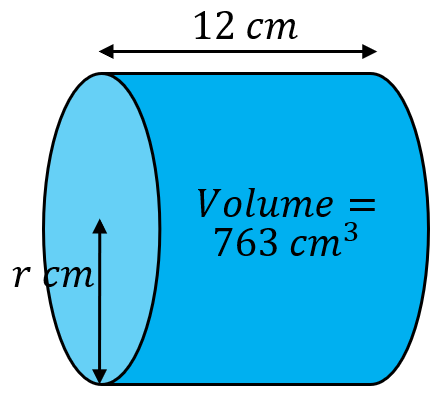
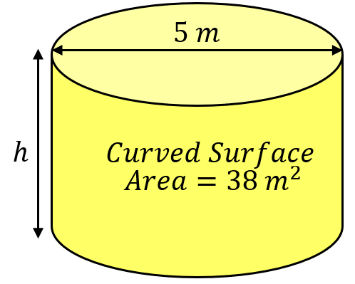
(a) Find the volume and surface area of a soup tin with a radius of 4.5 cm and a height of 12.5 cm.

(b) Find the volume and **curved** surface area of a glue stick with a diameter of 26 mm and a height of 70 mm.

Find the missing lengths.

(a) (b)



(c) (d)

A cylinder has a height of and a curved surface area of Find its volume.