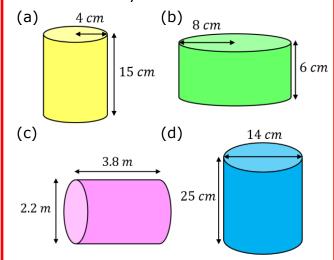
Volume and Surface Area of Cylinders

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



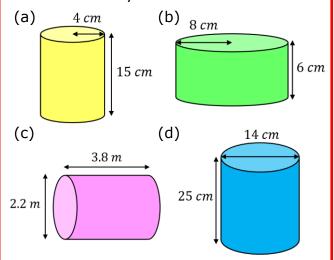
- (a) Find the volume and surface area of a soup tin with a radius of 4.5 cm and a height of 12.5 cm.
- (b) Find the volume and **curved** surface area of a glue stick with a diameter of 26 mm and a height of 70 mm.

Find the missing lengths. (a) (b) 6 cm 10 mm h cm h mm Volume = 2670 mm³ Volume = 2036 cm³ (d) (c) 12 *cm* 5 m Volume =h Curved Surface $763 \ cm^{3}$ $Area = 38 m^2$ r km

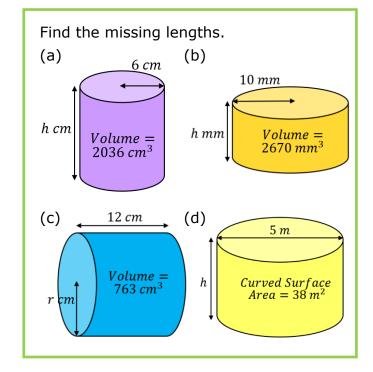
A cylinder has a height of 16 cm and a curved surface area of $452 cm^2$. Find its volume.

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



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