REVIEW

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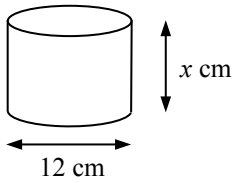
SPHERES, CONES AND CYLINDERS

WORKING BACKWARDS

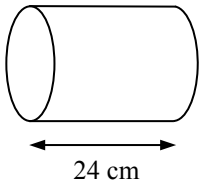
Ref: G429.2R2

A1 Volume is 340 cm^3



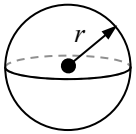
Calculate the height, x.

A2 Volume is 1500 cm^3



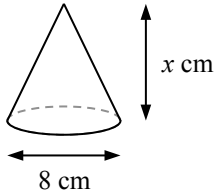
Calculate the radius.

A3 Surface area is 180 cm^2



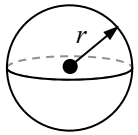
Calculate the radius, r.

A4 Volume is 140 cm^3



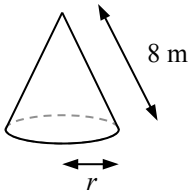
Calculate the height, x.

B1 Volume is 540 cm^3



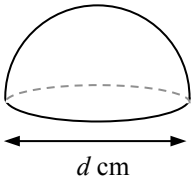
Calculate the radius, r.

B2 **Curved** surface area is 90 m^2



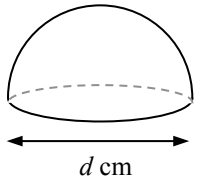
Calculate the radius, r.

B3 Volume is 300 cm^3



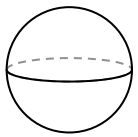
Calculate the diameter, d.

B4 **Total** surface area is 540 cm^2



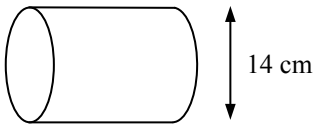
Calculate the diameter, d.

C1 Volume is 268 cm^3



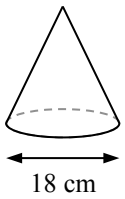
Find the surface area.

C2 Volume is 770 cm^3



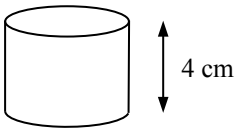
find the **total** surface area.

C3 Volume is 594 cm^3



Find the curved surface area.

C4 **Total** surface area is 100 cm^2



Find the volume.

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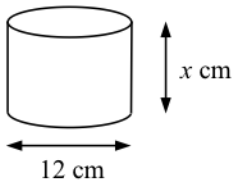
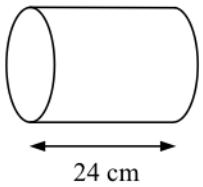
A1 Volume is 340 cm^3



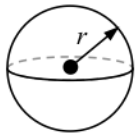
Calculate the height, x. 3.01

A2 Volume is 1500 cm^3



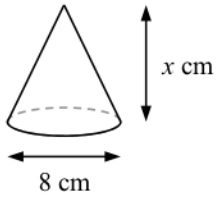
Calculate the radius. 4.46 cm

A3 Surface area is 180 cm^2



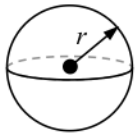
Calculate the radius, r. 3.78 cm

A4 Volume is 140 cm^3



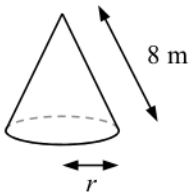
Calculate the height, x. 8.36

B1 Volume is 540 cm^3



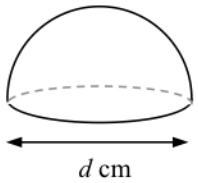
Calculate the radius, r. 5.05 cm

B2 **Curved** surface area is 90 m^2



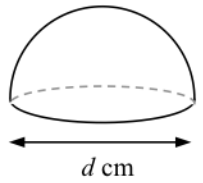
Calculate the radius, r. 3.58 m

B3 Volume is 300 cm^3



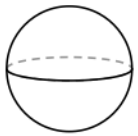
Calculate the diameter, d. 10.5

B4 **Total** surface area is 540 cm^2



Calculate the diameter, d. 15.1

C1 Volume is 268 cm^3



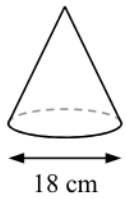
Find the surface area. 201 cm^2

C2 Volume is 770 cm^3

528 cm^2

find the **total** surface area.

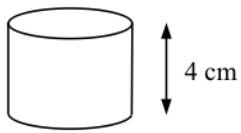
C3 Volume is 594 cm^3



322 cm^2

Find the curved surface area.

C4 **Total** surface area is 100 cm^2



Find the volume. 76.2 cm^3