## Perimeter, Area and Volume

Surface area of Cylinders and Spheres
-

Find the outer surface area of each of these open cylinders, correct to one decimal place.
a

b

c

d

e

f


Find the surface area of each of these closed cylinders, correct to one decimal place.
a

b

$1-8 \mathrm{~cm} \rightarrow 1$
c

d

e



