Volume and Surface Area of Cones
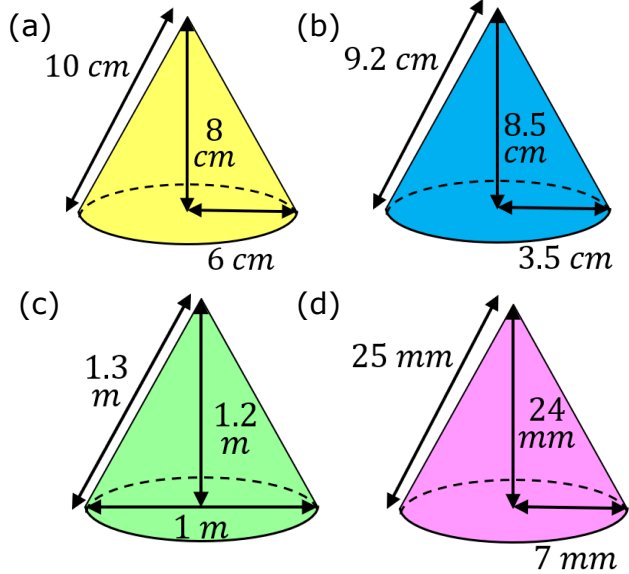
Find the volume and total surface area of each of these cones.
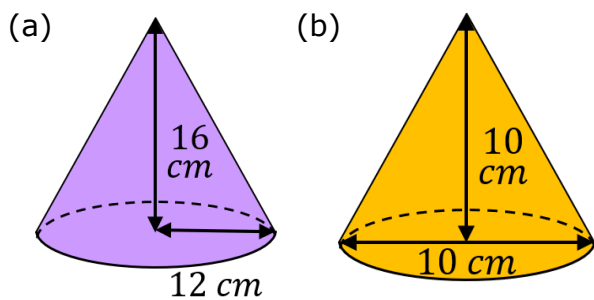
(a)

10 cm
8 cm
6 cm

(b)

9.2 cm
8.5 cm
3.5 cm

(c)

1.3 m
1.2 m
1 m

(d)

25 mm
24 mm
7 mm
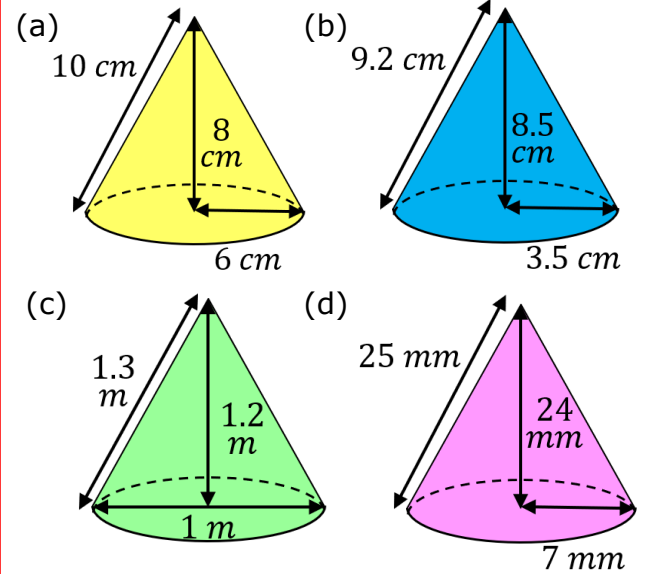
Find the slanted height and curved surface area of these cones.

(a)

16 cm
12 cm

(b)

10 cm
10 cm
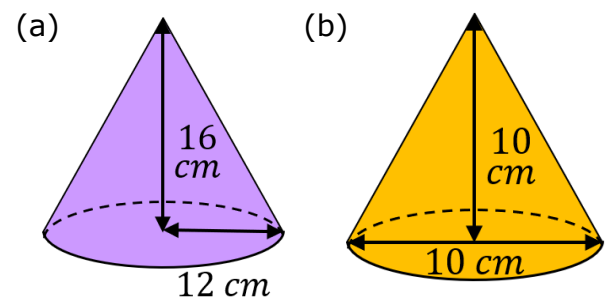
Find the missing lengths.

(a) Volume = 1103 cm³

h
9 cm

(b) Curved Surface Area = 3300 cm²

42 mm
r
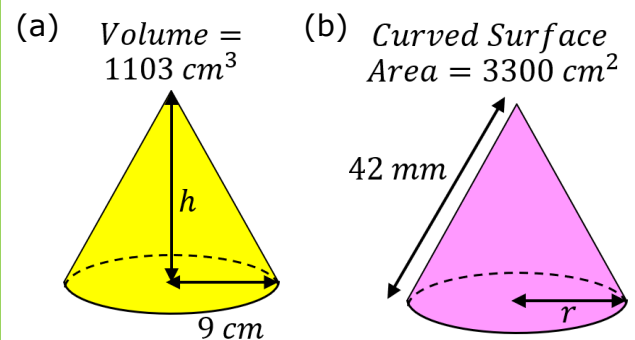
(a) A cone has a slanted height of 26 cm and a curved surface area of 260π cm². Find its volume.

(b) A cone has a radius of 8.5 cm and a volume of 1059 cm³. Find its total surface area.