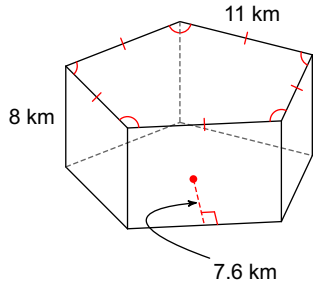


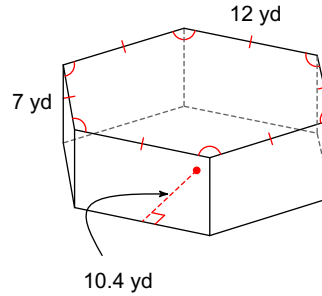
Unit 8.1 Surface area of Prisms and Cylinders EXAMPLES

Find the surface area of each figure. Round your answers to the nearest hundredth, if necessary. Leave your answers in terms of π for answers that contain π .

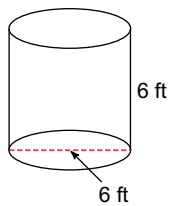
1)



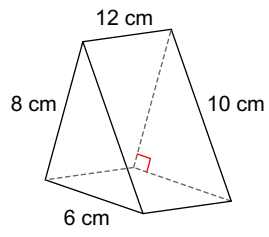
2)



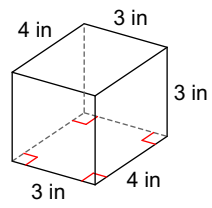
3)



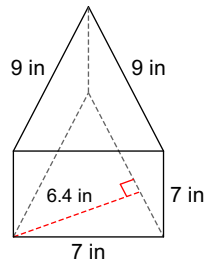
4)



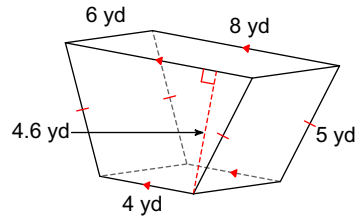
5)



6)



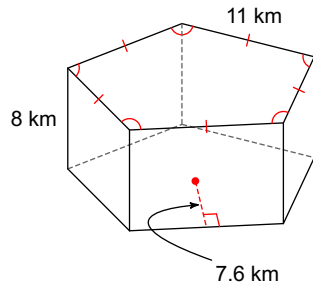
7)



Unit 8.1 Surface area of Prisms and Cylinders EXAMPLES

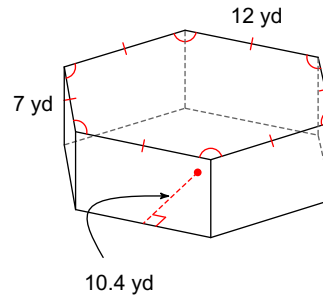
Find the surface area of each figure. Round your answers to the nearest hundredth, if necessary. Leave your answers in terms of π for answers that contain π .

1)



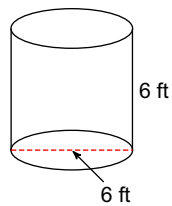
858 km^2

2)



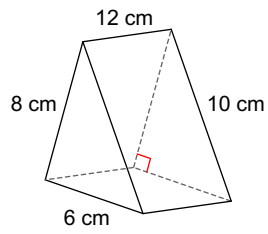
1252.8 yd^2

3)



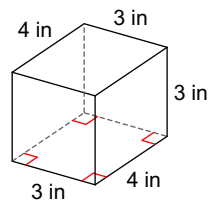
$54\pi \text{ ft}^2$

4)



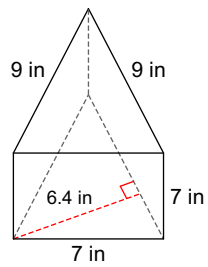
336 cm^2

5)



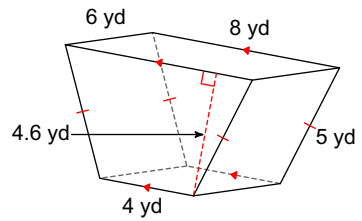
66 in^2

6)



232.6 in^2

7)



187.2 yd^2