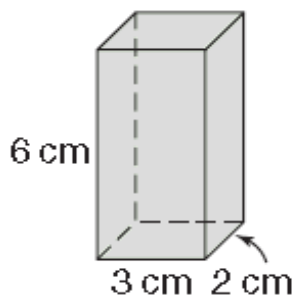


Name: _____

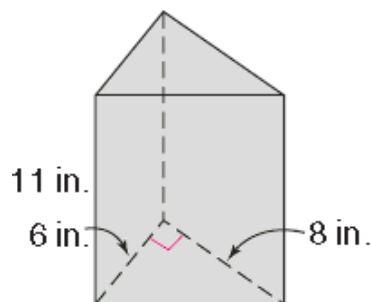
Prism and Cylinder

Exercise 1: Find the lateral area and the surface area for each solid.

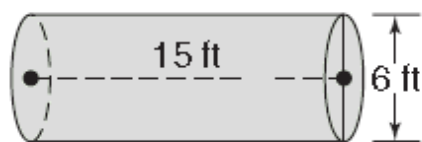
1)



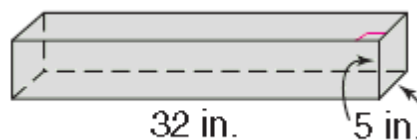
2)



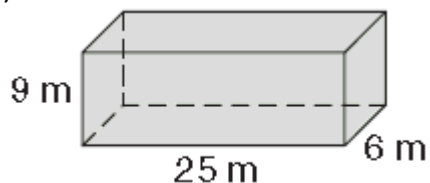
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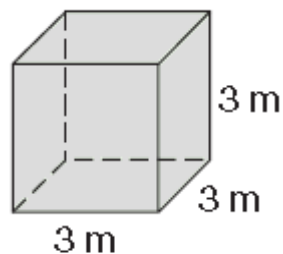
4)



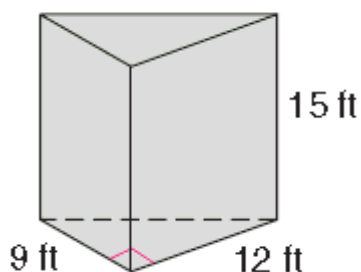
5)



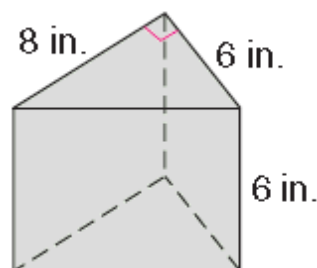
6)



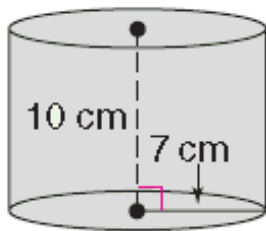
7)



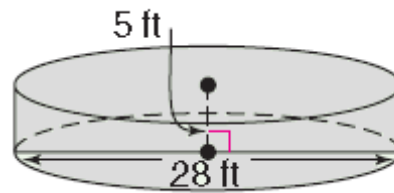
8)



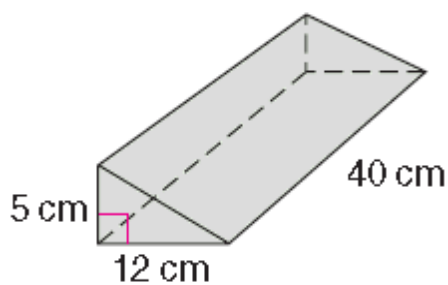
9)



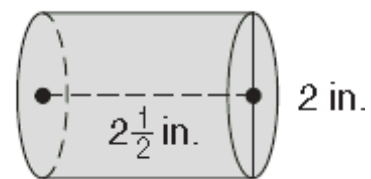
10)



11)



12)



Exercise 2: A cylinder has a diameter of 32 feet and a height of 20 feet.

- 1) Find the lateral area of the cylinder.
- 2) Find the surface area of the cylinder.

Exercise 3: A rectangular room is 12 feet by 21 feet. The walls are 8 feet tall. Paint is sold in one-gallon containers. If a gallon of paint covers 450