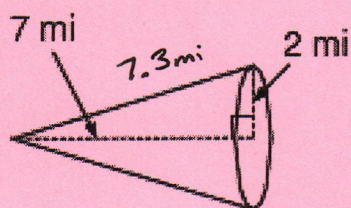


1. A cone has a radius of 4 cm, a height of 3 cm, and a slant height of 5 cm.
What is the surface area?

What is the volume?

#3

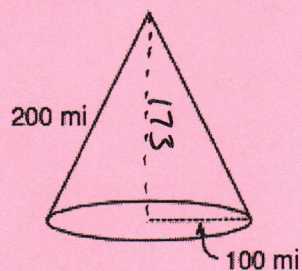


Lateral Area

Surface Area

Volume

#5

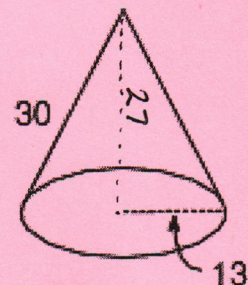


Lateral Area

Surface Area

Volume

#4

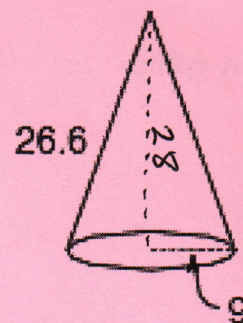


Lateral Area

Surface Area

Volume

#6



Lateral Area

Surface Area

Volume

5. A rectangular prism has a base area of 20ft^2 and a volume of 140ft^3 . What is the height of the prism?
6. A pyramid has a surface area of 100ft^2 , the base area is 40ft^2 and the perimeter of the base is 20ft. What is the slant height?
7. A cylinder has a radius of 4in and a volume of 301.44in^2 . What is the height of the cylinder?
8. A cylinder has a height of 8m and a volume of $2,512\text{m}^2$. What is the radius of the cylinder?
9. The area of the base of a triangular prism is 22ft^2 , and the volume is 374ft^3 . What is the height of the prism?