

Let's work backwards!! Find the missing measurement. SHOW WORK!!

7. Cylinder volume = 9.42 in^3 $d = 2 \text{ in}$ $h =$ _____

8. Cylinder volume = 56.52 cm^3 $h = 2 \text{ cm}$ $r =$ _____

9. Rectangular prism volume = 960 in^3 $l = 16 \text{ in}$ $w = 6 \text{ in}$ $h =$ _____

10. Rectangular prism volume = 120 ft^3 $w = 5 \text{ ft}$ $h = 6 \text{ ft}$ $l =$ _____

11. Cylinder surface area = 4867 cm^2 $r = 25 \text{ cm}$ $h =$ _____

12. Cylinder surface area = 1570 in^2 $r = 10 \text{ in}$ $h =$ _____