

Name _____



Date _____

Volume

Find the volume of each solid to the nearest tenth. (use $\pi = 3.14$)

1. triangular prism: $B = 25 \text{ yd}^2$, $h = 11 \text{ yd}$	2. sphere: $r = 10 \text{ in}$
3. cylinder: diameter = 19.4 km, height = 3 km	4. cylinder: radius = 2 ft, height = 13 ft
5. rectangular prism: $l = 6 \text{ cm}$, $w = 15.7 \text{ cm}$, $h = 10 \text{ cm}$	6. cylinder: $r = 6 \text{ m}$, $h = 19 \text{ m}$
7. cylinder: $d = 18 \text{ ft}$, $h = 28 \text{ ft}$	8. pyramid: $B = 36 \text{ cm}^2$, $h = 11 \text{ cm}$
9. pyramid: $B = 17.1 \text{ km}^2$, $h = 12.09 \text{ km}$	10. sphere: $d = 32 \text{ in}$
11. cylinder: $d = 8 \text{ yd}$, $h = 25 \text{ yd}$	12. pyramid: $B = 29 \text{ m}^2$, $h = 11 \text{ m}$
13. cylinder: $r = 6 \text{ ft}$, $h = 21 \text{ ft}$	14. cylinder: radius = 6.1 in, height = 12 in
15. sphere: $r = 18 \text{ yd}$	16. sphere: $d = 40 \text{ m}$
17. cylinder: diameter = 20 km, height = 16 km	18. triangular prism: $B = 12.3 \text{ cm}^2$, $h = 14.07 \text{ cm}$
19. pyramid: $B = 35 \text{ yd}^2$, $h = 6 \text{ yd}$	20. rectangular prism: $l = 5 \text{ ft}$, $w = 16.4 \text{ ft}$, $h = 19 \text{ ft}$
21. cylinder: $d = 12 \text{ km}$, $h = 18 \text{ km}$	22. cylinder: diameter = 8 in, height = 15 in
23. cylinder: radius = 2 cm, height = 8 cm	24. cylinder: $r = 2 \text{ m}$, $h = 15 \text{ m}$
25. pyramid: $B = 10.16 \text{ in}^2$, $h = 16.09 \text{ in}$	26. rectangular prism: $l = 9 \text{ km}$, $w = 17 \text{ km}$, $h = 4.5 \text{ km}$
27. sphere: $r = 15.2 \text{ m}$	28. pyramid: $B = 21.17 \text{ yd}^2$, $h = 5.07 \text{ yd}$
29. sphere: $d = 16 \text{ cm}$	30. triangular prism: $B = 30 \text{ ft}^2$, $h = 2 \text{ ft}$
31. cylinder: diameter = 8 m, height = 5 m	32. cylinder: $d = 8 \text{ km}$, $h = 24 \text{ km}$
33. sphere: $d = 33.8 \text{ cm}$	34. cylinder: radius = 11.4 in, height = 9 in
35. sphere: $r = 25 \text{ yd}$	36. pyramid: $B = 23 \text{ ft}^2$, $h = 16 \text{ ft}$