

Name _____



Date _____

Volume

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



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| 1. cylinder: radius = 10.5 ft, height = 10 ft | 2. cylinder: d = 14 km, h = 16 km |
| 3. pyramid: B = 35 cm ² , h = 5 cm | 4. cylinder: r = 4 m, h = 30 m |
| 5. pyramid: B = 43.18 in ² , h = 1.08 in | 6. cylinder: diameter = 24 yd, height = 7 yd |
| 7. rectangular prism: l = 12.6 km, w = 18 km, h = 9.6 km | 8. triangular prism: B = 18 yd ² , h = 7 yd |
| 9. sphere: d = 22 cm | 10. sphere: r = 25.3 in |
| 11. cylinder: diameter = 8 ft, height = 16 ft | 12. pyramid: B = 13.05 m ² , h = 18.08 m |
| 13. cylinder: radius = 12 m, height = 4 m | 14. cylinder: d = 8 in, h = 19 in |
| 15. pyramid: B = 34 yd ² , h = 12 yd | 16. rectangular prism: l = 8 km, w = 10 km, h = 5 km |
| 17. cylinder: r = 4 ft, h = 22 ft | 18. sphere: r = 3.9 cm |
| 19. sphere: d = 26 ft | 20. triangular prism: B = 21 yd ² , h = 12 yd |
| 21. triangular prism: B = 20 km ² , h = 5 km | 22. pyramid: B = 15.07 m ² , h = 15.07 m |
| 23. cylinder: r = 9 in, h = 23 in | 24. cylinder: d = 18 cm, h = 16 cm |
| 25. sphere: d = 26 m | 26. sphere: r = 4 ft |
| 27. cylinder: radius = 2 in, height = 5 in | 28. pyramid: B = 26.07 yd ² , h = 15.08 yd |
| 29. rectangular prism: l = 19 km, w = 17 km, h = 14.2 km | 30. cylinder: diameter = 10.2 cm, height = 5 cm |
| 31. pyramid: B = 37 yd ² , h = 10 yd | 32. cylinder: diameter = 12 in, height = 4 in |
| 33. rectangular prism: l = 7 cm, w = 4.8 cm, h = 13 cm | 34. sphere: r = 6.1 m |
| 35. cylinder: radius = 7 km, height = 10 km | 36. cylinder: d = 12 ft, h = 27 ft |