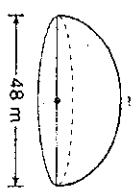




15.
 A) 5884.9 mi³
 B) 7580.9 mi³
 C) 6708.8 mi³
 D) 6140.5 mi³

22. What is the volume of this hemisphere?



- A. 257935 cubic meters
 B. 515870 cubic meters
 C. 1031740 cubic meters
 D. 1031740 cubic meters

Find the radius of each circle. Round your answer to the nearest tenth.

1. diameter = 136 km
 A) 68 km
 B) 8.3 km
 C) 8.2 km
 D) 9.3 km
 A) 12.9 km
 B) 3.6 km
 C) 12 km
 D) 12.6 km

Find the diameter of each circle. Round your answer to the nearest tenth.

3. radius = 25 m
 A) 50.2 m
 B) 50.6 m
 C) 50 m
 D) 50.4 m
 4. radius = 83 m
 A) 166 m
 B) 83 m
 C) 3445.5 m
 D) 3444.5 m

Find the circumference of each circle. Round your answer to the nearest tenth.

5.
 A) 16.4 ft
 B) 25.1 ft
 C) 12.6 ft
 D) 6.3 ft
 6.
 A) 248.8 in
 B) 124.4 in
 C) 56.5 in
 D) 62.2 in

Find the area of each. Round your answer to the nearest tenth.

7.
 A) 109.4 yd²
 B) 85 yd²
 C) 339.8 yd²
 D) 314.2 yd²
 8.
 A) 28.3 ft²
 B) 16 ft²
 C) 10.8 ft²
 D) 43 ft²

Find the volume of each figure. Round to the nearest tenth.

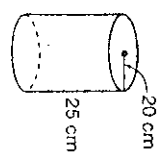
9.
 A) 144.2 m³
 B) 81 m³
 C) 162.9 m³
 D) 162 m³
 10.
 A) 338.4 cm³
 B) 452.4 cm³
 C) 392.5 cm³
 D) 384.5 cm³
 11.
 A) 282.7 yd³
 B) 565.5 yd³
 C) 950 yd³
 D) 475 yd³

12.
 A) 432 cm³
 B) 335.1 cm³
 C) 349.9 cm³
 D) 398.9 cm³
 13.
 A) 891 in³
 B) 844.4 in³
 C) 721.7 in³
 D) 1013.3 in³
 14.
 A) 1455.6 m³
 B) 829.7 m³
 C) 1244.1 m³
 D) 727.8 m³

17. A square prism measuring 7 yd along each edge of the base and 9 yd tall.

- A) 441 yd³
 B) 2116.8 yd³
 C) 1058.4 yd³
 D) 529.2 yd³

23. What is the approximate volume of this cylinder?

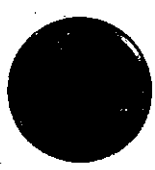


- A. 3,140 cm³
 B. 7,850 cm³
 C. 10,000 cm³
 D. 31,400 cm³

20. A cone with diameter 12 ft and a height of 12 ft.

- A) 542.9 ft³
 B) 452.4 ft³
 C) 635.2 ft³
 D) 226.2 ft³

24. Which is closest to the volume of a bowling ball with a diameter of 21.8 centimeters?



- A. 43,376.0 cm³
 B. 17,021.9 cm³
 C. 5,421.9 cm³
 D. 492.1 cm³

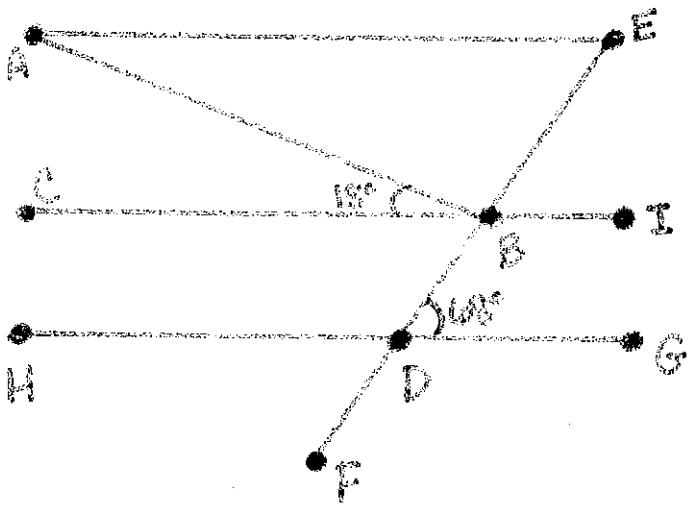
21. A ball shaped like a sphere has a radius of 15 centimeters. Which is closest to the amount of air needed to fill the ball?

- A. 42,390 cm³
 B. 14,130 cm³
 C. 2,826 cm³
 D. 942 cm³

Matching: **the bold print terms will be matched with a definition; not a formula**

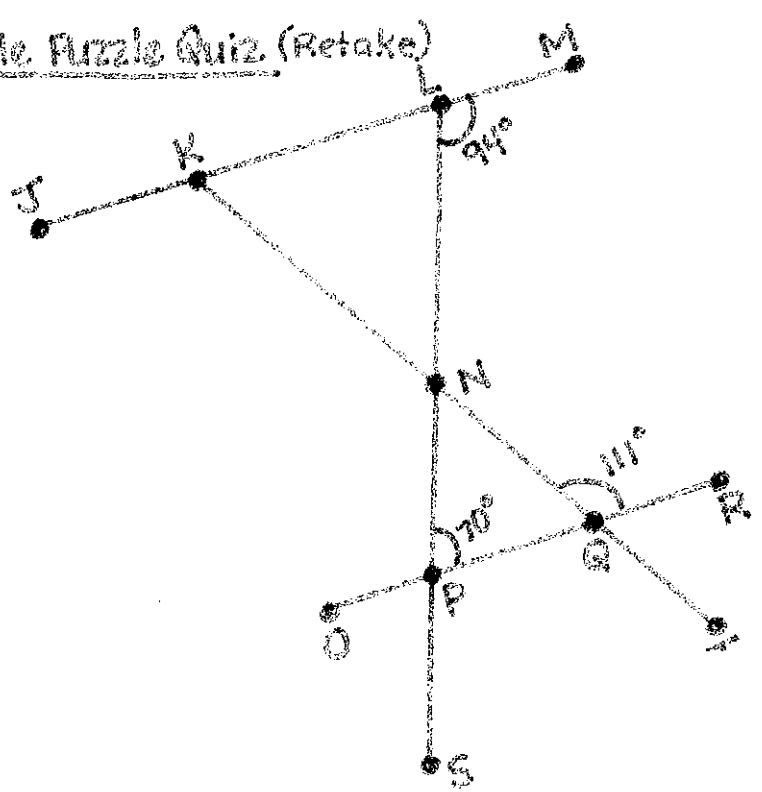
- | | |
|---|--|
| 25. _____ Volume of a Rectangular Prism | a. $l \cdot w \cdot h$ |
| 26. _____ Circumference | b. the distance across the circle |
| 27. _____ Volume of a Hemisphere | c. the amount of space inside a figure |
| 28. _____ Circumference of a Circle | d. half the distance across a circle |
| 29. _____ Diameter | e. πd or $2\pi r$ |
| 30. _____ Volume of a Cone | f. $\pi r^2 h$ |
| 31. _____ Area of a Circle. | g. $\frac{4}{3} \pi r^3 + 2$ |
| 32. _____ Volume of Sphere | h. πr^2 |
| 33. _____ Radius | i. $\frac{4}{3} \pi r^3$ |
| 34. _____ Volume of a Cube | j. $\frac{1}{3} \pi r^2 h$ |
| 35. _____ Volume of a Cylinder | k. s^3 |
| 36. _____ Volume | l. $\pi r^2 h$ |
| 37. _____ Area of a Circle | m. πr^2 |
| 38. _____ Circumference of a Circle | n. $\frac{4}{3} \pi r^3$ |

Find the missing angles. Angle Puzzle Quiz (Retake)



$$\overleftrightarrow{AE} \parallel \overleftrightarrow{CB} \parallel \overleftrightarrow{HG}$$

- ① $\angle FBI =$ _____
- ② $\angle BDN =$ _____
- ③ $\angle BEA =$ _____
- ④ $\angle CBD =$ _____
- ⑤ $\angle EBA =$ _____
- ⑥ $\angle BAE =$ _____
- ⑦ $\angle ADF =$ _____
- ⑧ $\angle FDG =$ _____
- ⑨ $\angle DBI =$ _____



- ⑩ $\angle TQP =$ _____
- ⑪ $\angle NQP =$ _____
- ⑫ $\angle OPN =$ _____
- ⑬ $\angle SPQ =$ _____
- ⑭ $\angle PNQ =$ _____
- ⑮ $\angle LNK =$ _____
- ⑯ $\angle KNP =$ _____
- ⑰ $\angle LNQ =$ _____
- ⑱ $\angle KLN =$ _____
- ⑲ $\angle LKN =$ _____
- ⑳ $\angle JKN =$ _____

Name: _____

Date: _____