



(PUMP UP THE) VOLUME MATCHING GAME

Place the letter that correctly matches the statement in the blank next to the statement.
Use the song lyrics for clues.
(To be used with lyrics to RRR song "(Pump Up the) Volume")

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|------------------------------|-----------|-------------------|--|---------------|
| a) $h \times \pi r^2 \div 3$ | b) sphere | c) a^3 | d) 3 | e) 90° |
| f) $l \times w \times h$ | g) bubble | h) multiplication | i) width | j) π |
| k) addition | l) cube | m) cone | n) $\frac{4}{3} \times \pi \times r^3$ | o) radius |

- _____ 1. The number of dimensions used in determining volume.
- _____ 2. The formula for the volume of a sphere.
- _____ 3. A mathematical operation used in determining volume.
- _____ 4. A unit of measure used in determining volume in a cone, sphere or cylinder.
- _____ 5. A possible formula for the volume of a cube.
- _____ 6. A geometric form that has all sides of equal length.
- _____ 7. The formula for the volume of a cone.
- _____ 8. The angle present in cubes and rectangular prisms.
- _____ 9. Another name for a circle.
- _____ 10. A unit of measure for a rectangular prism.
- _____ 11. The formula for the volume of a rectangular prism.
- _____ 12. An example of a sphere.
- _____ 13. This symbol is also known as Pi.
- _____ 14. A mathematical operation not used in determining volume.
- _____ 15. The only geometric shape in this song that uses division in its formula.