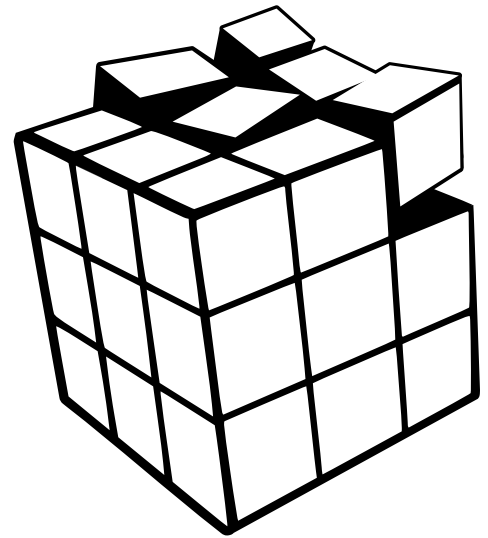


Surface Area and Volume Puzzle



1. $\frac{1}{2}BH$, $l \times l$, $l \times w$, $2(lw + hw + lh)$ are all examples of _____
6. i am a shape that has no vertices
7. The amount of space occupied in an object is?
8. _____ is the sum of the areas of all the surfaces(faces) of a 3D figure
14. a box is 6cm long, 5 cm wide and height is 10cm. Find the volume of the box.
17. Cutting a 3D object along its edges, opening it up, and laying it flat . The result is a 2D figure called _____
21. A _____ is a solid figure that has two parallel and congruent sides, or bases, that are rectangles.

23. What is another name for one surface of a shape

Down

2. A _____-is any of the individual flat surfaces of a solid figure

4. What does T.S.A stand for?

9. A triangular prism has a base of 4m, height 2m and length of the side of the rectangle is 5cm. what is its volume? cmetre sq.

11. To find the volume of any prism you multiply the area of base times the

13. I am a shape that has 6 faces, 12 edges and 8 vertices

16. $\frac{1}{2} BH$ is the formula for the area of what?

19. 3D shapes are name by their

20. Volume is written in metres