



PLAYERS
2

SUBJECT
MATHS

USE YOUR...
Isometric/Matrix Board



Additional Resources: 1 x 1-6 dice

What is volume?

Volume is the amount of space a 3d shape takes up. You can work out the volume of a shape by multiplying height \times width \times depth. If these measurements are in centimetres (cm) then the volume measurement is recorded in cubic centimetres (cm³).

In this game, players will be calculating the volume of different cuboids that they will build on the isometric whiteboard.

Player 1 rolls the dice 3 times and records each throw as a measurement of the cuboid they will build on the whiteboard.

Throw 1 = Height

Throw 2 = Width

Throw 3 = Depth

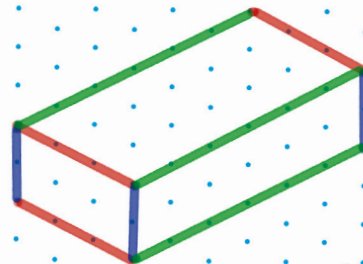
Player 1 then draws this cuboid and calculates the volume.

Player 2 then repeats these steps.

The winner of the round is the player that has created the cuboid with the greatest volume.

Play for five rounds to decide who is the overall winner.

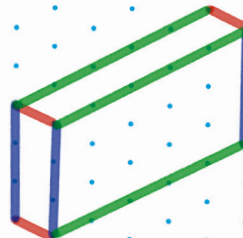
Player
1



$$2 \times 3 \times 6 = 36 \text{ cm}^3$$

VOLUME
height \times width \times depth

Player
2



$$3 \times 1 \times 5 = 15 \text{ cm}^3$$

CODE: 8008

IMPORTANT: DRYWIPE SURFACE. Use Show-me® Drywipe Pens for best results. Allow ink to dry before wiping. Wipe after each use with a Show-me® Mini Foam Eraser. To keep your Show-me® boards in good condition, periodically clean with Show-me® MAGIX Whiteboard Cleaner/Conditioner & Show-me® Super Absorbent WIZARD Wipes. Manufactured in the UK. Eastpoint, NRS2 2EX, UK www.show-meboards.com

Show-me board®
A4 Matrix Whiteboard