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SHAPE BOOK AR

VOL - 1

ABOUT

SHAPE BOOK AR

SHAPE BOOK AR IS AN AUGMENTED REALITY POWERED EDUCATIONAL BOOK THAT ENABLES KIDS TO LEARN IMMERSIVELY BY EXPERIENCING WHAT THEY ARE STUDYING IN A REALISTIC WAY. THE BOOK REQUIRES "SHAPE BOOK AR" APP TO BE DOWNLOADED FROM THE PLAYSTORE AND SCANNING THE EXAMPLE PAGES TO EXPERIENCE AUGMENTED REALITY.

"PRACTICAL LEARNING INCREASES THE LEVEL OF UNDERSTANDING IN STUDENTS"

THE TEAM

SHAPE BOOK AR

SURAJ.K.M

VARUN

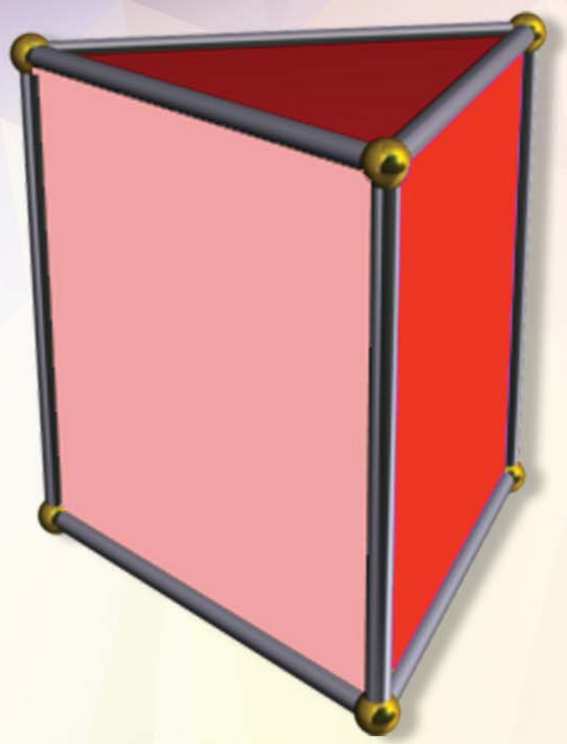
SRI SAI RAM KIRAN

AUGMENTED REALITY EXAMPLE

--- SCAN THIS AREA ---

--- SCAN THIS AREA ---

TRIANGULAR PRISM



A TRIANGULAR PRISM IS A THREE-SIDED PRISM. IT IS A POLYHEDRON MADE OF A TRIANGULAR BASE, A TRANSLATED COPY, AND 3 FACES JOINING CORRESPONDING SIDES. A RIGHT TRIANGULAR PRISM HAS RECTANGULAR SIDES, OTHERWISE IT IS OBLIQUE.

GET THE APP

GET IT ON Google Play

Google Shape Book AR

OR

SCAN QR

CUBE

A CUBE IS A SOLID OBJECT WITH SIX SQUARE SURFACES WHICH ARE ALL THE SAME SIZE. IT HAS SIX FACES OR SIDES WITH 8 VERTICES AND 12 EDGES.

AUGMENTED REALITY EXAMPLE

--- SCAN THIS AREA ---

--- SCAN THIS AREA ---

TETRAHEDRON

A SOLID FIGURE HAVING FOUR PLANE FACES.

A TETRAHEDRON HAS FACES THAT ARE EQUILATERAL TRIANGLES.

(OR)

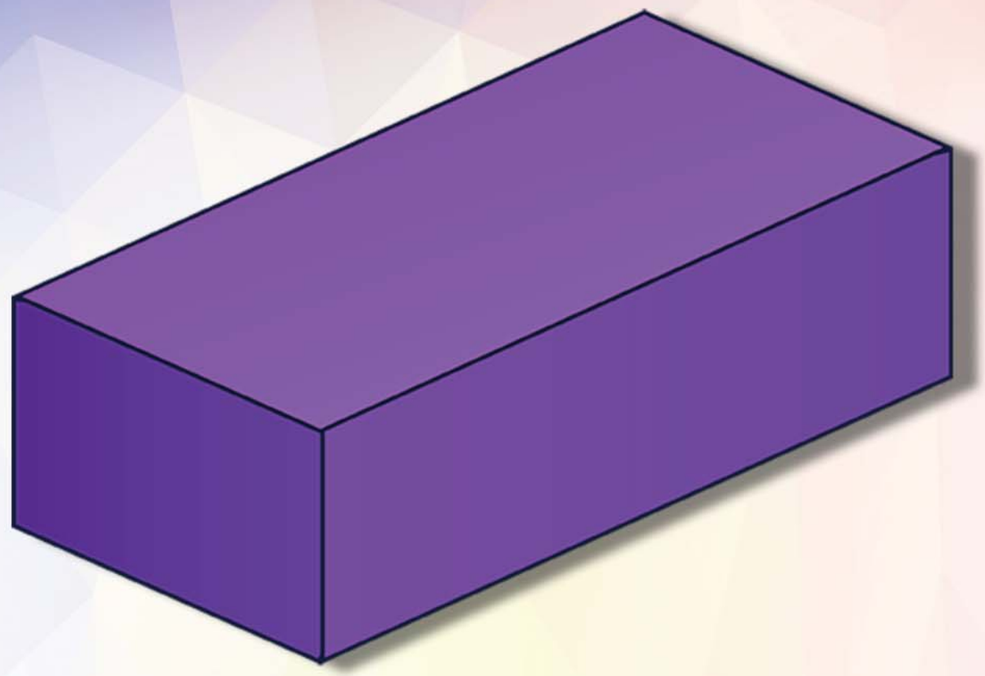
A SOLID FIGURE WITH FOUR TRIANGULAR FACES.

AUGMENTED REALITY EXAMPLE

--- SCAN THIS AREA ---

--- SCAN THIS AREA ---

CUBOID



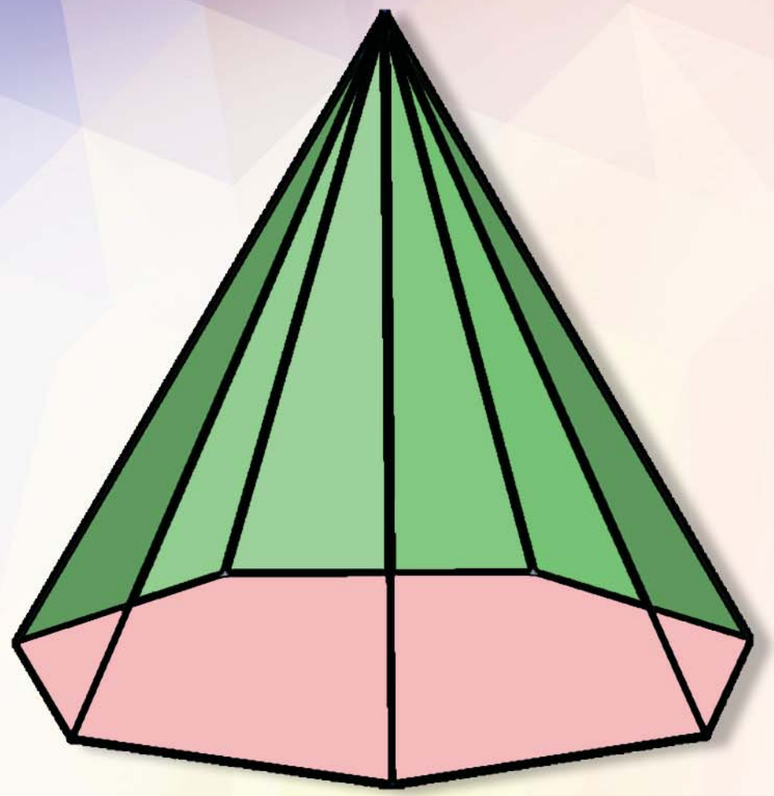
A CUBOID IS A 3D SHAPE. CUBOIDS HAVE SIX FACES,WHICH FORM A CONVEX POLYHEDRON. BROADLY, THE FACES OF THE CUBOID CAN BE ANY QUADRILATERAL. MORE NARROWLY, CUBOIDS ARE MADE FROM 6 RECTANGLES, WHICH ARE PLACED AT RIGHT ANGLES.

AUGMENTED REALITY EXAMPLE

--- SCAN THIS AREA ---

--- SCAN THIS AREA ---

HEXAGONAL PYRAMID



A HEXAGONAL PYRAMID IS A 3D SOLID WHICH HAS 7 FACES, 7 VERTICES AND 12 EDGES. ITS BASE IS MADE SIX CONNECTED EQUILATERAL TRIANGLES OR A SINGLE HEXAGONAL FACE.

AUGMENTED REALITY EXAMPLE

--- SCAN THIS AREA ---

--- SCAN THIS AREA ---

CONE

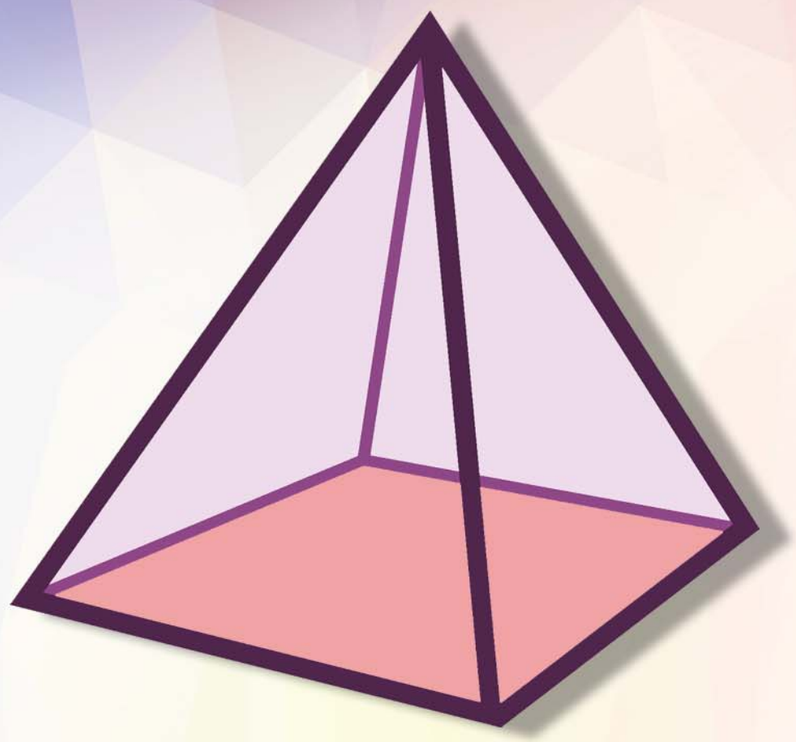
A CONE IS A SHAPE WITH A CIRCULAR BASE AND SMOOTH CURVED SIDES ENDING IN A POINT AT THE TOP.

AUGMENTED REALITY EXAMPLE

--- SCAN THIS AREA ---

--- SCAN THIS AREA ---

SQUARE PYRAMID



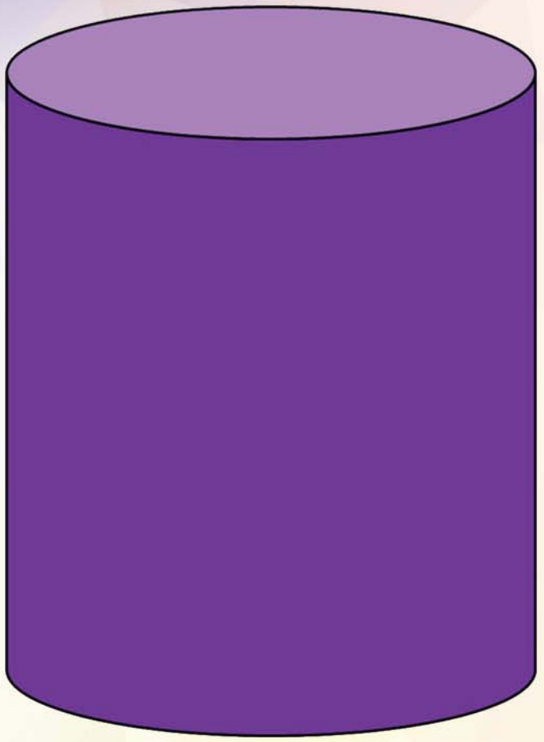
A SQUARE PYRAMID IS A PYRAMID WITH A SQUARE BASE, FOUR TRIANGULAR SIDES, FIVE VERTICES, AND EIGHT EDGES.THE BASE OF THIS PYRAMID IS A SQUARE, AND THE TOP POINT IS THE APEX. IT IS ALSO CALLED AS POLYHEDRON.

AUGMENTED REALITY EXAMPLE

--- SCAN THIS AREA ---

--- SCAN THIS AREA ---

CYLINDER



A CYLINDER IS ONE OF THE MOST BASIC CURVED GEOMETRIC SHAPES, WITH THE SURFACE FORMED BY THE POINTS AT A FIXED DISTANCE FROM A GIVEN LINE SEGMENT, KNOWN AS THE AXIS OF THE CYLINDER.

AUGMENTED REALITY EXAMPLE

--- SCAN THIS AREA ---

--- SCAN THIS AREA ---

SPHERE

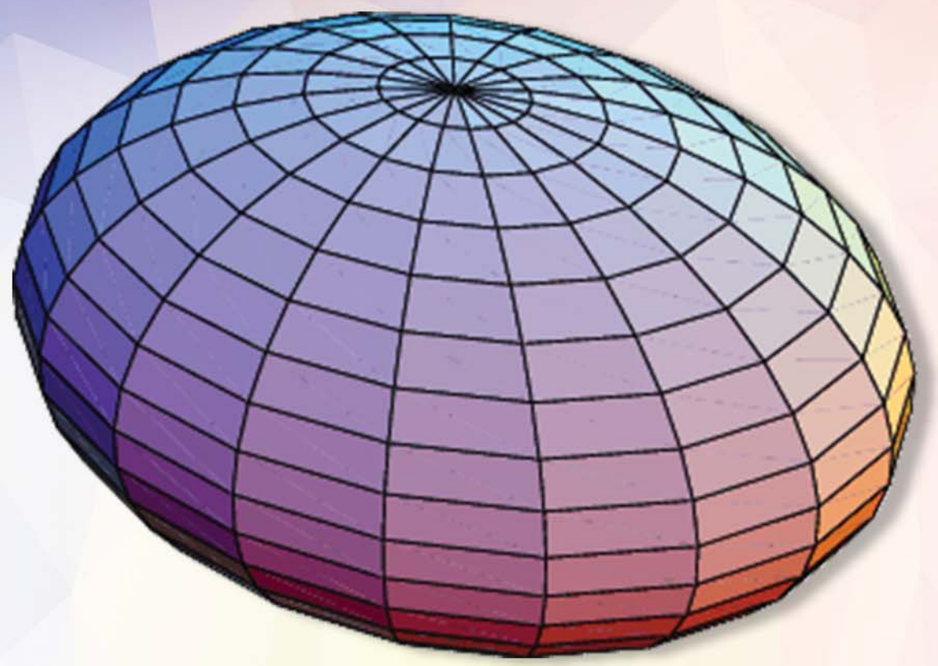
A SPHERE IS AN OBJECT THAT IS COMPLETELY ROUND IN SHAPE LIKE A BALL. IT HAS NO VERTICES AND FACES . SPHERE IS ANY ROUND BODY OR FIGURE HAVING THE SURFACE EQUALLY DISTANT FROM THE CENTER AT ALL POINTS

AUGMENTED REALITY EXAMPLE

--- SCAN THIS AREA ---

--- SCAN THIS AREA ---

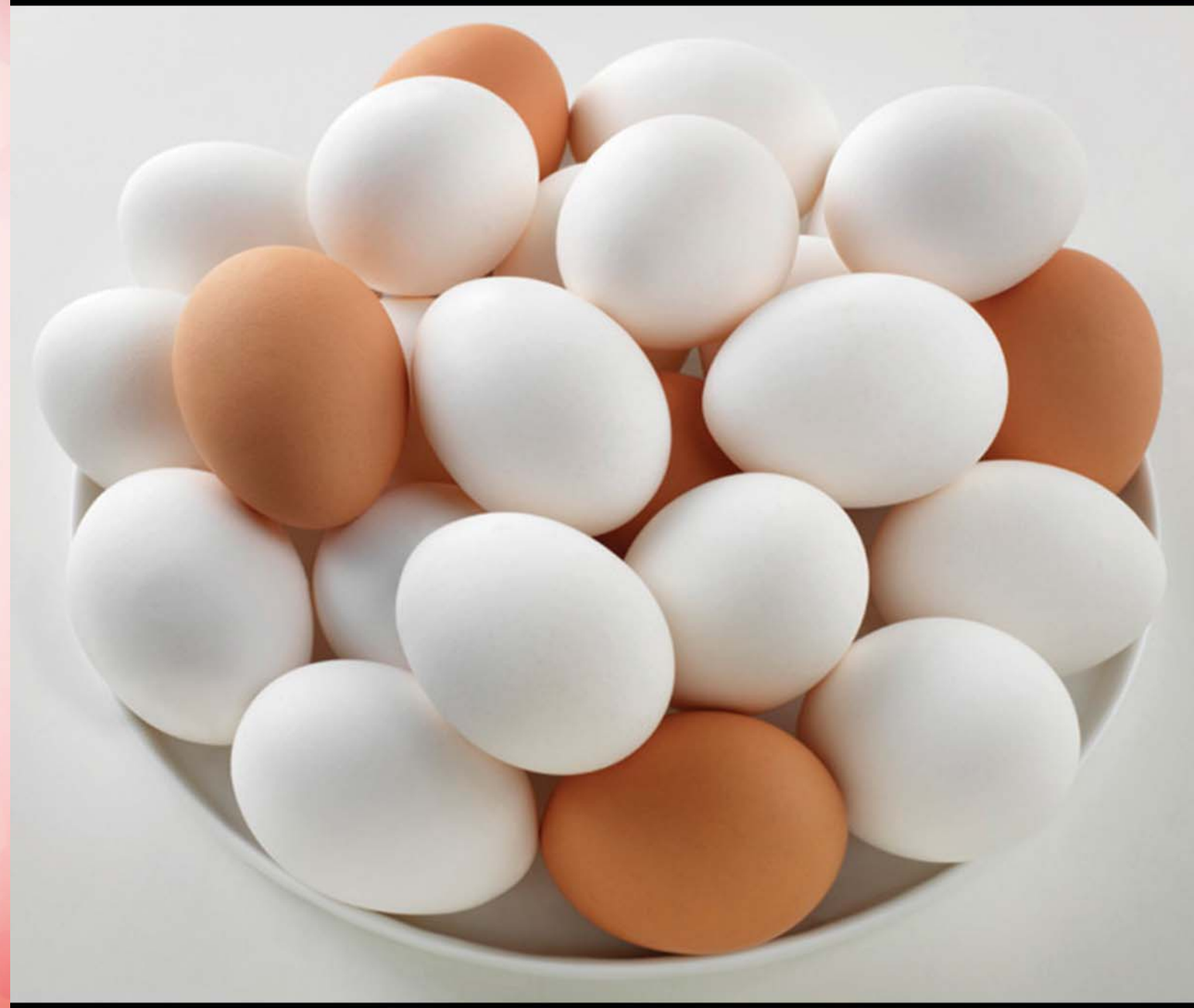
ELLIPSOID



AN ELLIPSOID IS A SURFACE THAT MAY BE OBTAINED FROM A SPHERE BY DEFORMING IT BY MEANS OF DIRECTIONAL SCALINGS, OR MORE GENERALLY, OF AN AFFINE TRANSFORMATION.

AUGMENTED REALITY EXAMPLE

--- SCAN THIS AREA ---



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