Mindluster Platform

About the course Surface Area and Volumes

Surface area and volume Surface area and volume are calculated for any three-dimensional geometrical shape. The surface area of any given object is the area or region occupied by the surface of the object. Whereas volume is the amount of space available in an object. ... Each shape has its surface area as well as volume.What is the difference between total surface area and volume? Surface area is the sum of the areas of all the faces of the solid figure. Finding surface area of solid figure is like finding how much wrapping paper that is required to cover the solid; it is the area of the outside faces of a box. ... Volume is the amount of space inside of the solid figure.Why volume and surface area is important? The important point is that the surface area to the volume ratio gets smaller as the cell gets larger. Thus, if the cell grows beyond a certain limit, not enough material will be able to cross the membrane fast enough to accommodate the increased cellular volume. ... That is why cells are so small.

Mathematics Category's Courses

Course Lesson(22)

Lesson 1 : **Surface Area Volumes**

Lesson 2 : **Surface area of Combination of Solids**

Lesson 3 : **Surface area of Combination of Solids Problem 1**

Lesson 4 : **Surface area of Combination of Solids Problem 2**

Lesson 5 : **Surface area of Combination of Solids Problem 3**

Lesson 6 : **Surface area of Combination of Solids Problem 4**

Lesson 7 : **Volume of Combination of Solids**

Lesson 8 : **Volume of Combination of Solids Problem 1**

Lesson 9 : **Volume of Combination of Solids Problem 2**

Lesson 10 : **Volume of Combination of Solids Problem 3**

Lesson 11 : **Conversion of Solid from One Shape to Another**

Lesson 12 : **Conversion of Solid from One Shape to Another Problem 1**

Lesson 13 : **Conversion of Solid from One Shape to Another Problem 2**

Lesson 14 : **Conversion of Solid from One Shape to Another Problem 3**

Lesson 15 : **Conversion of Solid from One Shape to Another Problem 4**

Lesson 16 : **Frustum of a Cone**

Lesson 17 : **Frustum of a Cone Problem 1**

Lesson 18 : **Formula s of Frustum of Cone**

Lesson 19 : **Frustum of a Cone Problem 2**

Lesson 20 : **Frustum of a Cone Problem 3**

Lesson 21 : **Tutorix Simply Easy Learning Steps**

Lesson 22 : **Tutorix Brings Simply Easy Learning**

Related courses

Real numbers

Statistics

Quadratic Equation

Polynomials

Pair of Linear Equations in Two Variables

Coordinate Geometry

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