

Unit 13 Study Guide

Vocabulary:

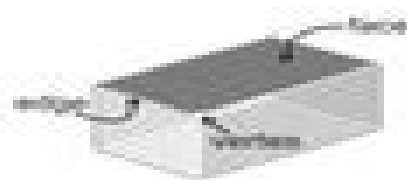
- POLYHEDRON: a 3-dimensional figure made of flat surfaces.
- FACE: a flat surface.
- EDGE: a line segment where two faces intersect.
- VERTEX: the point where several edges meet together.
- PRISM: a polyhedron with two parallel bases; the sides are rectangles.
- PYRAMID: a polyhedron with one base; the sides are triangles.
- NET: a plane figure, which can fold up into a 3-dimensional shape.
- SURFACE AREA: the sum of the area of the faces of a 3-dimensional figure.
- VOLUME: the number of cubic units needed to fill a given space.

Steps for Finding Surface Area:

- 1) Find the area of each face. 2) Add them together.

Steps for Finding Volume:

- 1) Write the formula. 2) Fill in what you know. 3) Solve for what you don't know.



Volume of a
Rectangular Prism
 $= lwh$



Surface And Area Study Guide 7th Grade

M Tight



Surface And Area Study Guide 7th Grade:

Eureka Math Grade 7 Study Guide Great Minds, 2016-04-20 Eureka Math is a comprehensive content rich PreK 12 curriculum that follows the focus and coherence of the Common Core State Standards in Mathematics CCSSM and carefully sequences the mathematical progressions into expertly crafted instructional modules The companion Study Guides to Eureka Math gather the key components of the curriculum for each grade into a single location unpacking the standards in detail so that both users and non users of Eureka Math can benefit equally from the content presented Each of the Eureka Math Curriculum Study Guides includes narratives that provide educators with an overview of what students should be learning throughout the year information on alignment to the instructional shifts and the standards design of curricular components approaches to differentiated instruction and descriptions of mathematical models The Study Guides can serve as either a self study professional development resource or as the basis for a deep group study of the standards for a particular grade For teachers who are new to the classroom or the standards the Study Guides introduce them not only to Eureka Math but also to the content of the grade level in a way they will find manageable and useful Teachers familiar with the Eureka Math curriculum will also find this resource valuable as it allows for a meaningful study of the grade level content in a way that highlights the coherence between modules and topics The Study Guides allow teachers to obtain a firm grasp on what it is that students should master during the year The Eureka Math Curriculum Study Guide Grade 7 provides an overview of all of the Grade 7 modules including Ratios and Proportional Relationships Rational Numbers Expressions and Equations Percent and Proportional Relationships Statistics and Probability Geometry

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Railway and Engineering Review ,1900 The Locomotive, Railway Carriage & Wagon Review ,1921 **The Railway and Engineering Review** Walter Mason Camp,1913 *ERIC Educational Documents Index, 1966-69: Minor descriptors and author index* ,1970 **Resources in Education** ,1995 **Educational Screen & Audio-visual Guide** ,1963 **Glencoe Geometry** ,2001 **Contract Record and Engineering Review** ,1915 *Catalog of Copyright Entries, Third Series* Library of Congress. Copyright Office,1966 Includes index **Colorado Journal of Educational Research** ,1978

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