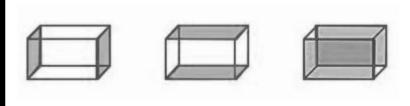
nume. Dute. Femous	Name:	Date:	Period:
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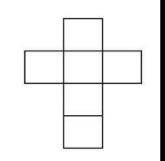
Lesson 12-4 (pgs. 649-653)

Surface Area of Rectangular Prisms

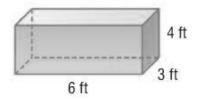
Surface Area:

Formula for Surface Area of a Rectangular Prism





ex)

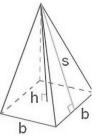


ex) Rectangular Prism:

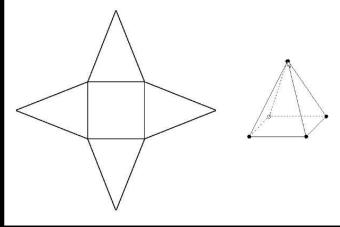
length = 10 cm, width = 8 cm, height = 24 cm

Surface Area of Rectangular Pyramids

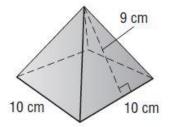
Surface Area of a Rectangular Pyramid:



Formula for Surface Area of a Rectangular Pyramid



ex)



ex) Rectangular Pyramid: length = 3 in, width = 3 in, slant height = 15 in

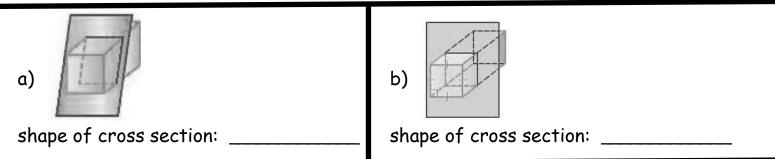
Cross Sections of Figures

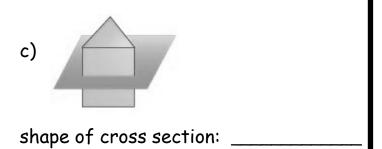
Cross Section.

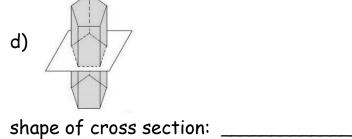
Cross Section	Slice	Drawing/Description
vertical		
horizontal		
angled		

Cross Sections of Figures (continued)

Cross Section	Slice	Drawing/Description
vertical		
horizontal		
angled		
Describe the shape resulting from each cross section.		
Section 1997		







Name: 10M	Date: Period:
Less	on 12-4 (pgs. 649-653)
Surfac	e Area of Rectangular Prisms
$\alpha (\Lambda 21) +$	rea: The Sum of all of the surfaces figure (Bases & lateral Faces)
	Confere Anna of a Dantenaulan Driam
Formula for S.A. = 2. Right alubt To	Surface Area of a Rectangular Prism 2 B + 2 B + 2 B bh + 2 bh + 2 bh = 7 2 lw + 2 wh + 2 lh Top Right Front Wat Bottom Back Front & Gack Back Back
ex)	5.A = 2.84 + 2.6.3 + 2.64
4 ft 3 ft	5.A.= 108ft2 (xuse each #)

ex) Rectangular Prism:

length = 10 cm, width = 8 cm, height = 24 cm S.A. = 2B + 2B + 2B S.A. = 2.18.24 + 2.8.10 + 2.8.24S.A. = 1024.cm

Master Key

Chapter 12 Supplemental Lesson 1

Surface Area of Rectangular Pyramids

Surface Area of a Rectangular Pyramid: Slant height = (1) height of Triangle)

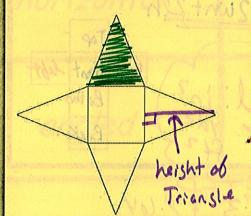


4 lateral Faces (Triangles) 1 Base (Rectangle)

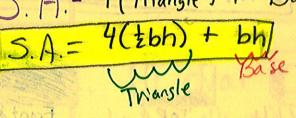
Formula for Surface Area of a Rectangular Pyramid

Wighting 5. A = 4 (Triangle) + Base

Wighting 5. A = 4 (Triangle) + Base

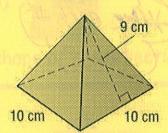


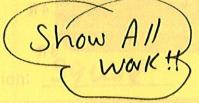




Area ob the Bash

ex)





ex) Rectangular Pyramid:



length = 3 in, width = 3 in, slant height = 15 in

3-Triansle 4-Quadrilateral 5-Pentagon

6-hexagon 7-heptagon 8-octogon 9-nonason 10-decason

Shapter 12 Supplemental Lesson 2

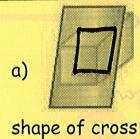
Cross Sections of Figures

Cross Section: is the Shape that occurs when a plane intersects or slices a 3D Figure

CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR		The second secon
Cross Section	Slice	Drawing/Description
vertical	Rectansular Ryramial	A Triangle
horizontal		* Square* Rectangle parallelogram Rhombus
Cangled		△ Trapezoid

Cross Sections of Figures (continued)

	CHARLES COMMUNICATION OF THE STATE OF THE ST	arran de antica de la companya de l
Cross Section	A Slice	Drawing/Description
shere we	LINDREGS, FOR	WWW & DIGI
vertical	Page 1	☐ Rectangle
"-neutqueased\ea		Cones Section June 1
horizontal	20/ no	O circle
		By Hospital Parising
and the state of t	4	A Maritano
angled	12	O oval Cellipse)
		Cellipse)
Describe the shape resulting from each cross section.		



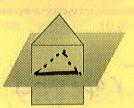
shape of cross section: //- ogra m





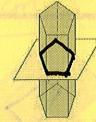
shape of cross section: Square





shape of cross section: Triangle





shape of cross section: Pentagon