

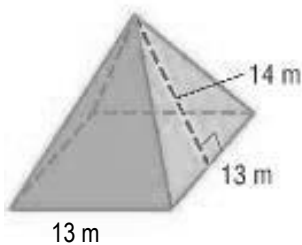
Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# WS "Chapter 12 Supplemental Lesson 1"

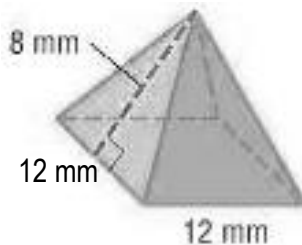
Find the surface area of each pyramid.

Show your formula, work, and answer. Be sure to label! ☺

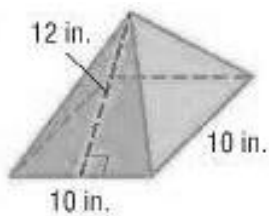
1)



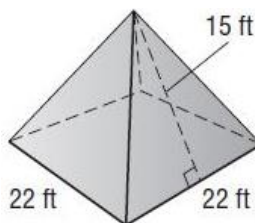
2)



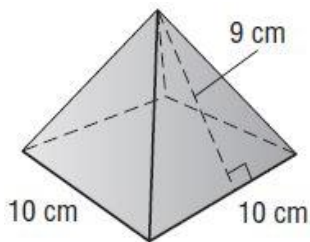
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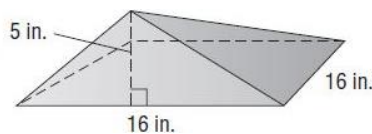
4)



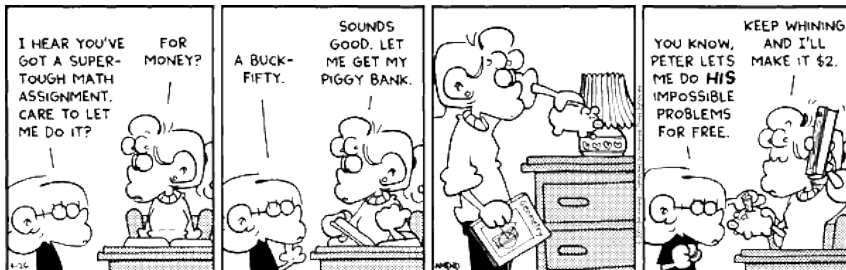
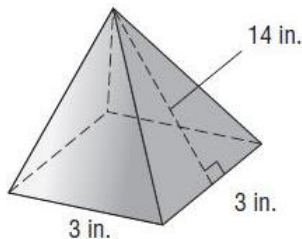
5)



6)



7)



Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# WS "Chapter 12 Supplemental Lesson 2"

Describe the shape resulting from each cross section.

1)



shape of cross section:

\_\_\_\_\_

2)



shape of cross section:

\_\_\_\_\_

3)



shape of cross section:

\_\_\_\_\_

4)



shape of cross section:

\_\_\_\_\_

5)



shape of cross section:

\_\_\_\_\_

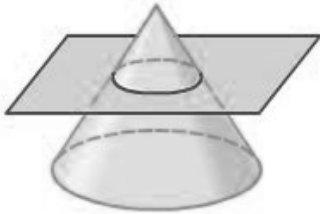
6)



shape of cross section:

\_\_\_\_\_

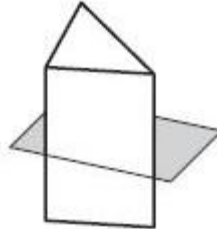
7)



shape of cross section:

\_\_\_\_\_

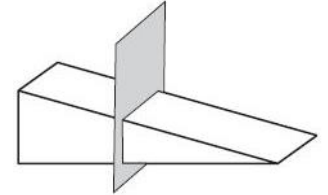
8)



shape of cross section:

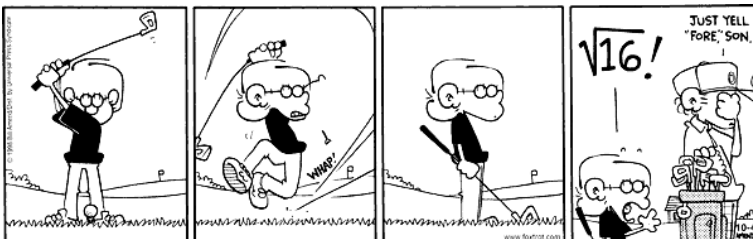
\_\_\_\_\_

9)



shape of cross section:

\_\_\_\_\_

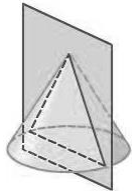
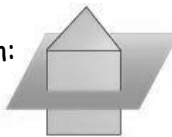
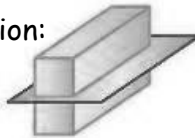
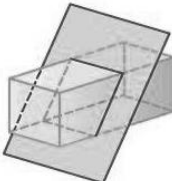
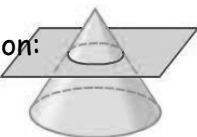



Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

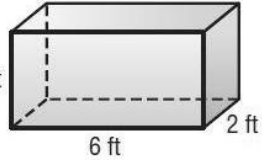
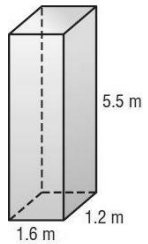
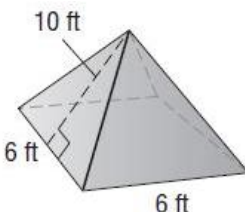
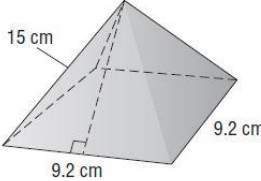
# Chapter 12: Surface Area and Cross Sections

## Bringing It All Together #1

Describe the shape resulting from each cross section.

<p>1) shape of cross section: _____</p> 	<p>2) shape of cross section: _____</p> 	<p>3) shape of cross section: _____</p> 
<p>4) shape of cross section: _____</p> 	<p>5) shape of cross section: _____</p> 	<p>6) shape of cross section: _____</p> 

Find the surface area of each figure. Show your formula, work, and answer. Be sure to label ☺

<p>7)</p> 	<p>8) Rectangular Pyramid: Length = 1.6 mm, width = 1.6 mm, slant height = 15 mm</p>
<p>9) Rectangular Prism: Length = 21 in, width = 18 in, height = 12 in</p>	<p>10)</p> 
<p>11)</p> 	<p>12)</p> 

**OVER** →

Find the surface area of each figure. Show your formula, work, and answer. Be sure to label 😊

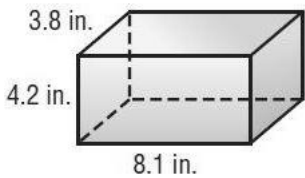
13) Rectangular Pyramid:

Length = 7 cm, width = 7 cm, slant height = 19 cm

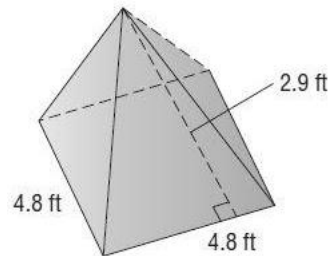
14) Rectangular Prism:

Length = 9 cm, width = 30 cm, height = 19 cm

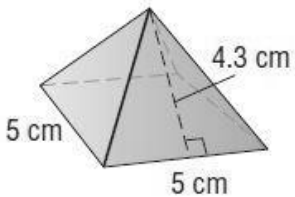
15)



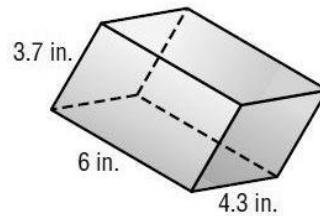
16)



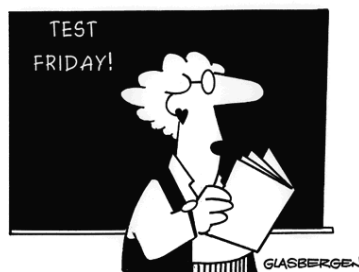
17)



18)



© 1997 by Randy Glasbergen. E-mail: randyg@norwich.net



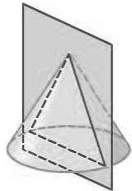
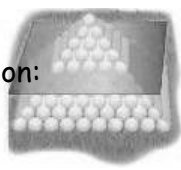
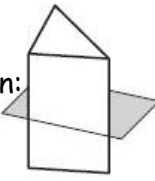

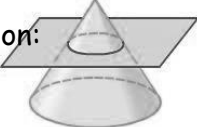
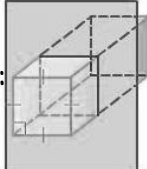
"Class, I've got a lot of material to cover,  
so to save time I won't be using vowels today.  
Nw lts bgn, pls trn t pg 122."

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

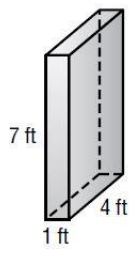
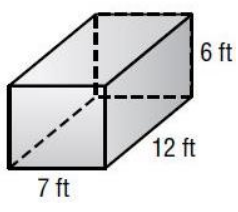
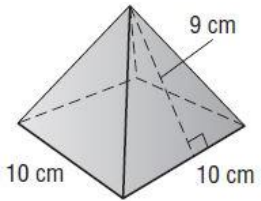
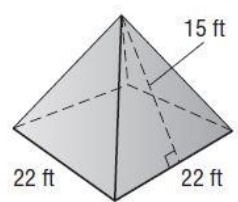
# Chapter 12: Surface Area and Cross Sections

## Bringing It All Together #2

Describe the shape resulting from each cross section.

<p>1) shape of cross section: _____</p> 	<p>2) shape of cross section: _____</p> 	<p>3) shape of cross section: _____</p> 
<p>4) shape of cross section: _____</p> 	<p>5) shape of cross section: _____</p> 	<p>6) shape of cross section: _____</p> 

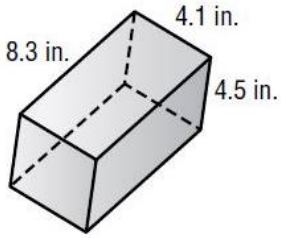
Find the surface area of each figure. Show your formula, work, and answer. Be sure to label ☺

<p>7)</p> 	<p>8)</p> 
<p>9)</p> 	<p>10) Rectangular Pyramid: Length = 2.3 yd, width = 2.3 yd, slant height = 5 yd</p>
<p>11) Rectangular Prism: Length = 12 m, width = 44 m, height = 10 m</p>	<p>12)</p> 

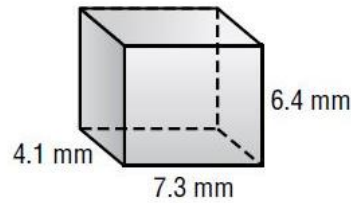
OVER →

Find the surface area of each figure. Show your formula, work, and answer. Be sure to label 😊

13)



14)



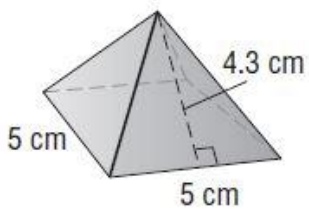
15) Rectangular Pyramid:

Length = 9 ft, width = 9 ft, slant height = 22 ft

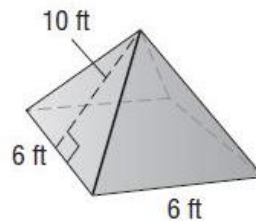
16) Rectangular Prism:

Length = 45 cm, width = 80 cm, height = 26 cm

17)



18)



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"I couldn't do my homework  
because my pocket calculator  
had a nervous breakdown."

