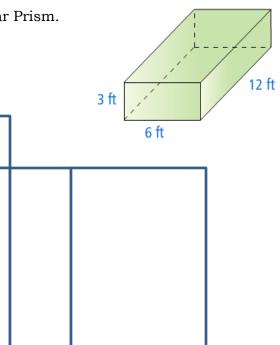
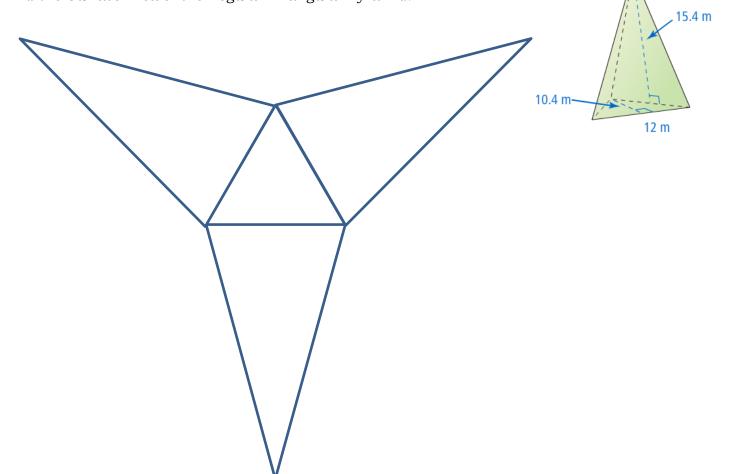
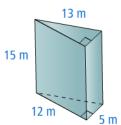
1. Find the Surface Area of the Rectangular Prism.

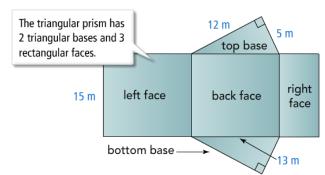


2. Find the Surface Area of the Regular Triangular Pyramid.



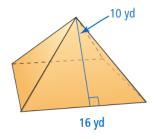
3. Find the Surface Area of the Triangular Prism.

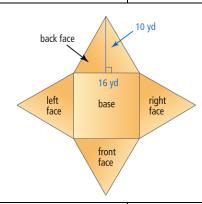




Left Face	Back Face	Right Face
Top Base	Bottom Base	Total Surface Area:

4. Find the Surface Area of the Square Pyramid.





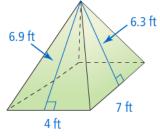
Front Face	Back Face	Right Face
Left Face	Base	Total Surface Area:

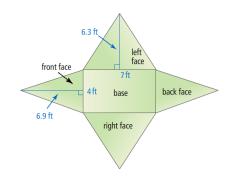
Each face of the rectangular prism 5. Find the Surface Area of the Rectangular Prism. base is a rectangle. right front back face face face 10 7 5 bottom

Front Face	Right Face	Back Face	
Top Base	Bottom Base	Left Base	
- of - w		333 2333	

Total Surface Area:

6. Find the Surface Area of the Rectangular Pyramid.





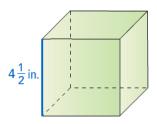
left

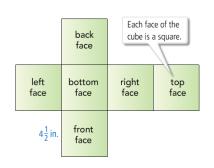
face

base

Front Face	Right Face	Back Face
Left Face	Base	Total Surface Area:

7. Find the Surface Area of the Cube

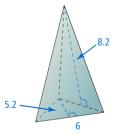


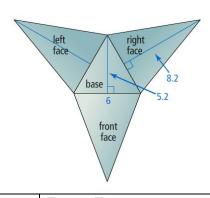


Front Face	Left Face	Back Face
Bottom Face	Right Face	Top Face

Total Surface Area:

8. Find the Surface Area of the Regular Triangular Pyramid.

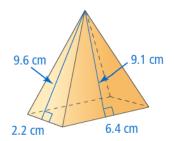




Left Face	Right Face	Front Face
Base		Total Surface Area:

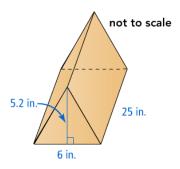
Example

Find the surface area of the rectangular pyramid to the nearest square centimeter.



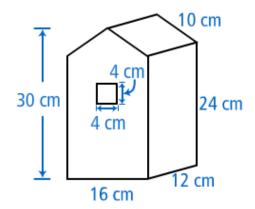
Example

The mailing package has the shape of a regular triangular prism. Find how many square inches of cardboard it takes to make the mailing package. Round your answer to the nearest square inch.



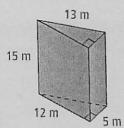
Challenge:

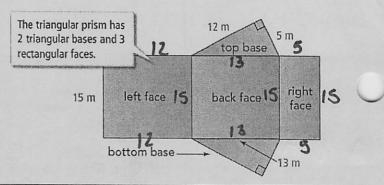
You plan to build a birdhouse with one square doorway as shown. How many square centimeters of wood do you need to make the birdhouse?



A=92.4

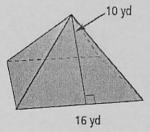
Example:
3. Find the Surface Area of the Triangular Prism.

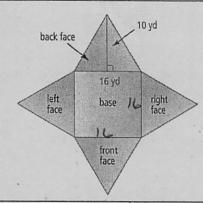




Left Face	Back Face	Right Face
A= b. h	A= b. h	A = B . h
A= 15.12	A = 13.15	A=5.15
A= 180 m2	A = 195 m2	A = 75 m2
Top Base	Bottom Base	Total Surface Area:
A = 5.12 A = 30 m ²	= 30 m ²	(510 m²)

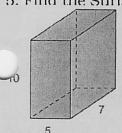
4. Find the Surface Area of the Square Pyramid.





Front Face	Back Face	*	Right Face
80 y ds 2	$A = \frac{b \cdot h}{2}$ $A = \frac{16 \cdot 10}{2}$	······································	= 80° yds²
Left Face	A = 80	yds	Total Surface Area:
	A= b.h		Total Sallace Inca.
80 yds2	A=16.16		576 yds2
	A=25	6 yds2	

5. Find the Surface Area of the Rectangular Prism.



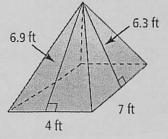
			5		
	5	7	top base	Fach face rectangu is a recta	lar prism
10	front face	Id face 10	back face	ID left face	10
	5	7	bottom base	7	3

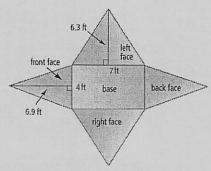
Front Face	Right Face	Back Face
A= b-h	A = b.h	A= b h
A=10.5	A=10.7	A=10.5
A=50	A = 70	A=50_
Top Base	Bottom Base	Left Base
A=b=h	A=b-h	A=6.17
A=5.7	A=5.7	A=10-7
A= 35	A= 35	A=70

Total Surface Area: 310



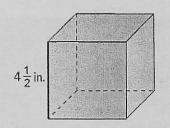
6. Find the Surface Area of the Rectangular Pyramid.

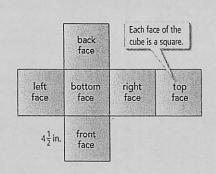




Front Face	Right Face	Back Face
A=b·h	= Left Face	= Front Face
1 11 1 2		
A=4.6.9		
_	A= 22.05 ft2	A = 13.8 ft2
A= 13.8 ft2	11 22.03 +1	11 13.8 ++
Left Face	Base	Total Surface Area:
A= b·h	A= b-h	
A= 7.6.3	A=7.4	1997 012
1		199.7 Ft2
A= 22.05 ft2	A= 28 ft2	

7. Find the Surface Area of the Cube





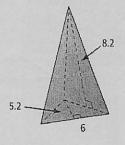
Front Face	
A= b.h	A= 4= 4=
	A = 9 . 9
	1 81-201
	A= 4-20-
Bottom Fac	е

$$\frac{10^{2}}{204}$$
Right Face

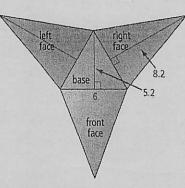
Left Face

Total Surface Area:
$$20\frac{1}{4} \cdot 6 = \frac{81}{24} \cdot \frac{6^3}{1} = \frac{243}{2} = 121\frac{1}{2} \cdot n^2$$

8. Find the Surface Area of the Regular Triangular Pyramid.



Left Face



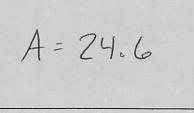
Front Face

	A=24.	6:
Ba	se	
1	= 6.4	
/	1-6-52	
1	A= 0 3. C	
	A = 15	1

Right Face
$$A = \frac{b \cdot h}{z}$$

$$A = \frac{b \cdot 8.2}{z}$$

$$A = 24.6$$



Total Surface Area:

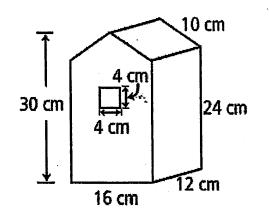
Example

Find the surface area of the rectangular pyramid to the nearest square centimeter.

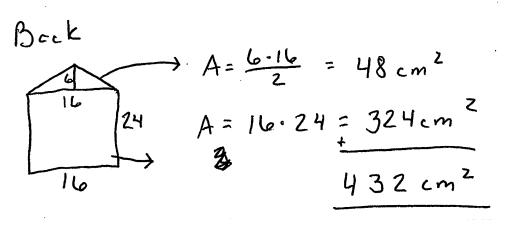
he mailing package has the shape of a regular triangular prism. Find w many square inches of cardboard it takes to make the mailing package. Round your answer to the nearest square inch.

Challenge:

You plan to build a birdhouse with one square doorway as shown. How many square centimeters of wood do you need to make the birdhouse?



Bottom



Front