

Geometry

WS: Prisms #0 Vocab

Name _____

Period _____

1. What type of solid is shown in this picture:

2. How many bases does this solid have?

3. What is the shape of the base?

4. What is the AREA of the base (Base Area)?

5. What is the perimeter of the base (Base Perimeter)?

6. What is the height of the prism (distance between the bases)?

7. What is the Lateral Area of the shape

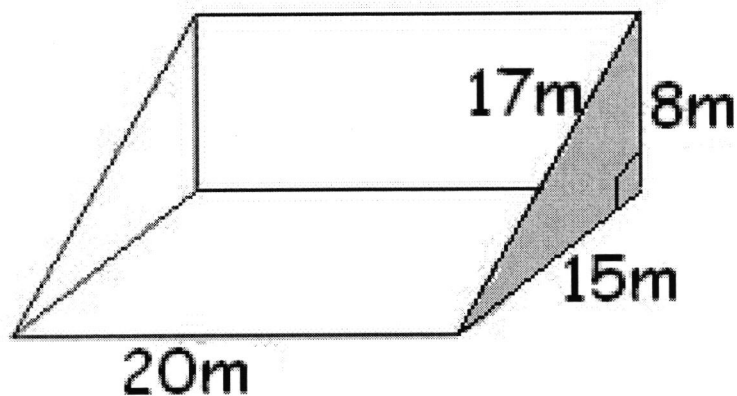
$$\text{Lateral Area} = (\text{perimeter}) \times (\text{height})$$

8. What is the surface area of the prism?

$$\text{Surface Area} = (\text{Lateral Area}) + 2 \times (\text{Base Area})$$

9. What is the Volume of the shape

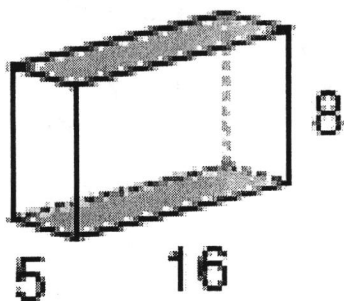
$$\text{Volume} = (\text{Base Area}) \times (\text{height})$$



Geometry
WS: Solids 2Prisms

Name _____
Period _____

#1



Base Area:

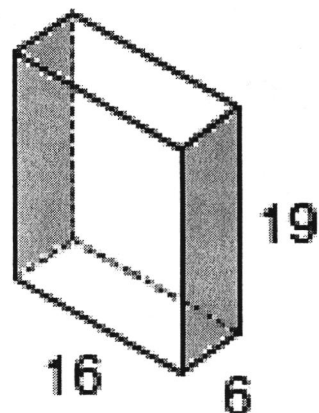
Base Perimeter

Lateral Area

Surface Area

Volume

#2



Base Area:

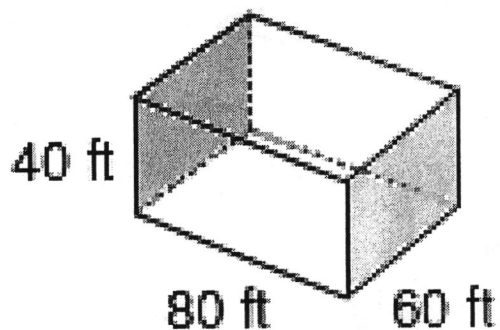
Base Perimeter

Lateral Area

Surface Area

Volume

#3



Base Area:

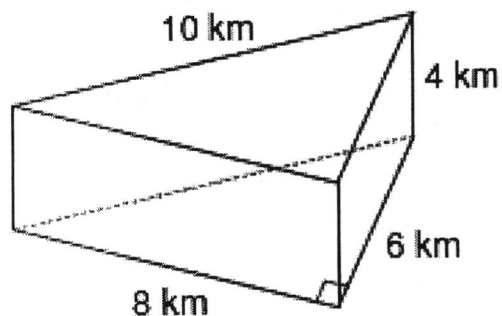
Base Perimeter

Lateral Area

Surface Area

Volume

#4



Base Area:

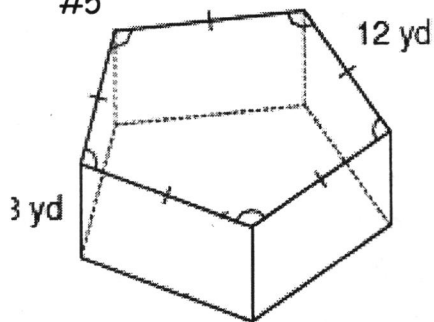
Base Perimeter

Lateral Area

Surface Area

Volume

#5



Base Area: 240yd^2

Base Area:

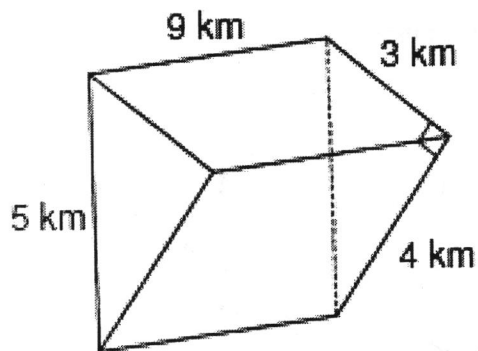
Base Perimeter

Lateral Area

Surface Area

Volume

#6



Base Area:

Base Perimeter

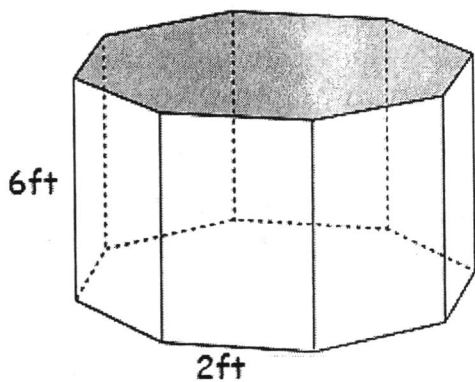
Lateral Area

Surface Area

Volume

#7

Base Area: 20ft^2



Base Area:

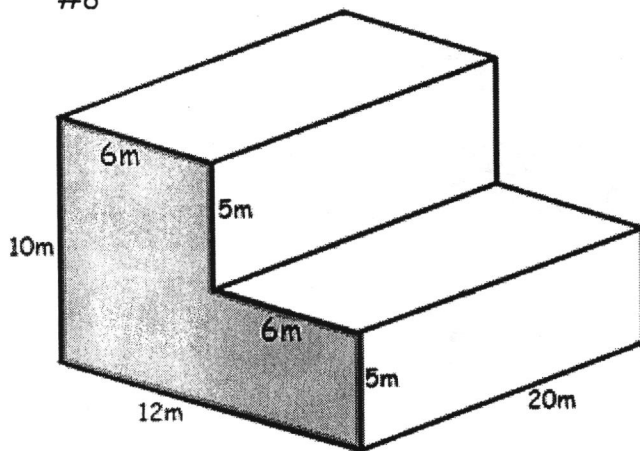
Base Perimeter

Lateral Area

Surface Area

Volume

#8



Base Area:

Base Perimeter

Lateral Area

Surface Area

Volume