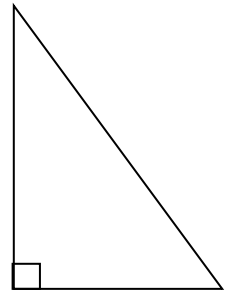


TOPIC 14-1: PREPARING FOR PYRAMIDS

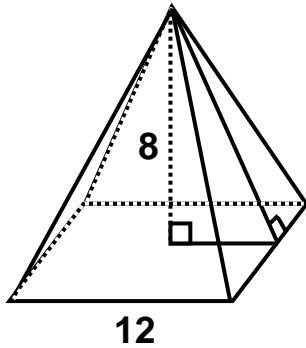
l = slant height
 h = height of pyramid or altitude
 B = Area of the Base
 P = Perimeter of the Base
 a = apothem of the Base

Glue your Pyramid Foldable on this side.



Finding needed information when working with pyramids.

EXAMPLE 1:

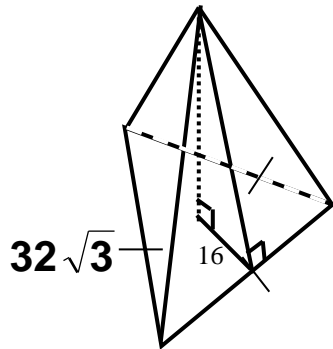


Name: _____

Find the all of the following:

- _____ 1) Slant Height ℓ
- _____ 2) Perimeter of the Base (P)
- _____ 3) Area of the Base (B)
- _____ 4) Height of Pyramid (h)

EXAMPLE 2: The height is 30 units long

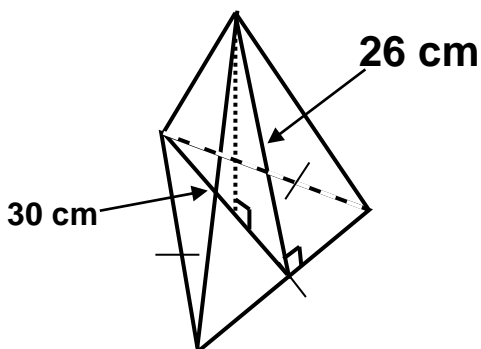


Name: _____

Find the all of the following:

- _____ 1) Slant Height ℓ
- _____ 2) Perimeter of the Base (P)
- _____ 3) Area of the Base (B)
- _____ 4) Height of Pyramid (h)

EXAMPLE 3: The perimeter of the base is $60\sqrt{3}$ cm.

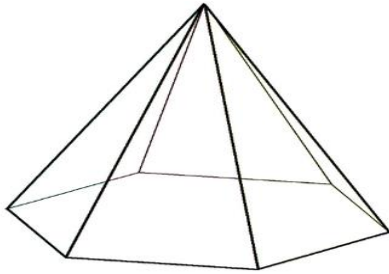


Name: _____

Find the all of the following:

- _____ 1) Slant Height ℓ
- _____ 2) Perimeter of the Base (P)
- _____ 3) Area of the Base (B)
- _____ 4) Height of Pyramid (h)

EXAMPLE 4: The length of the side of the base is $10\sqrt{3}$ cm, the slant height is 17 cm and the height of the pyramid is only 8 cm.



Name: _____

Find the all of the following:

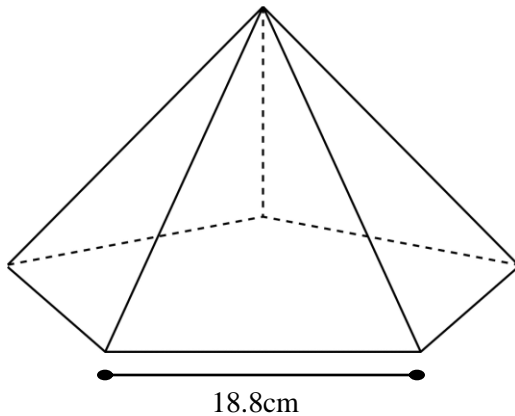
_____ 1) Slant Height ℓ

_____ 2) Perimeter of the Base (P)

_____ 3) Area of the Base (B)

_____ 4) Height of Pyramid (h)

EXAMPLE 5: The apothem of the base is 16 cm but the height of the pyramid is only 12 cm.



Name: _____

Find the all of the following:

_____ 1) Slant Height ℓ

_____ 2) Perimeter of the Base (P)

_____ 3) Area of the Base (B)

_____ 4) Height of Pyramid (h)