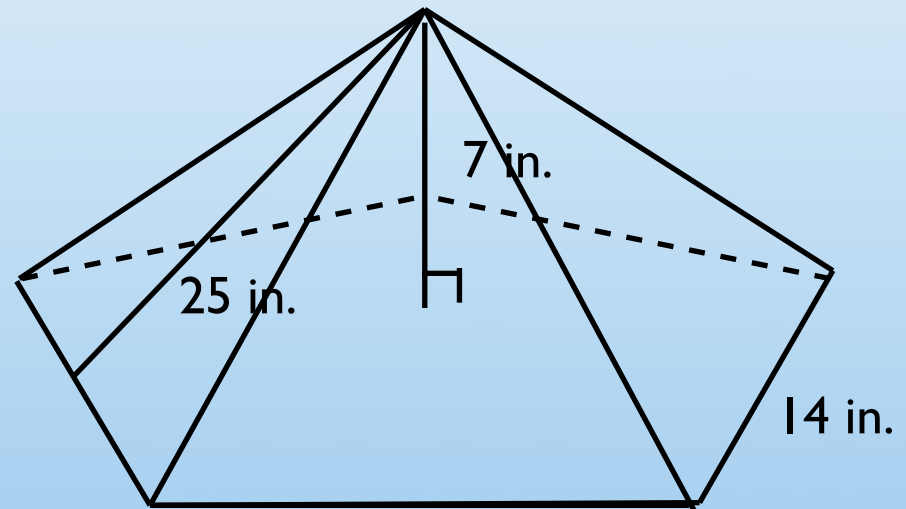
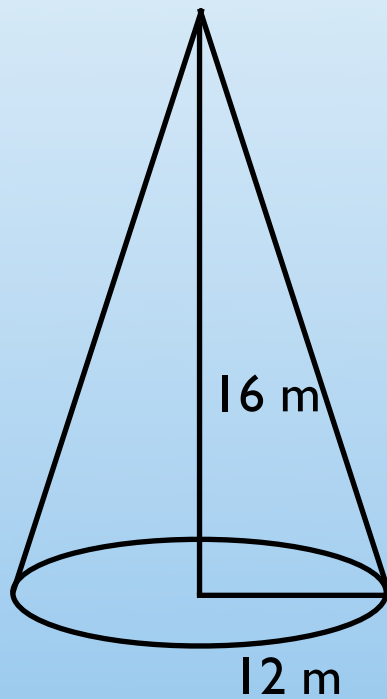


# Day 69

## 1. Opener

a-b) Find the surface area.



c) What kind of insurance do 4,000,000 Japanese golfers carry?

# CST Toolkit

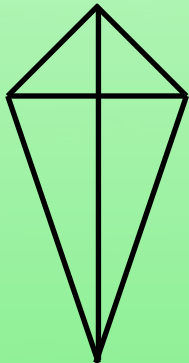
## Released Question #9

A conditional statement is shown below.

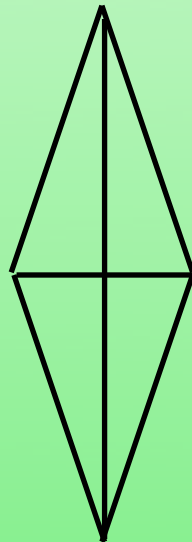
If a quadrilateral has perpendicular diagonals, then it is a rhombus.

Which of the following is a counterexample to the statement above?

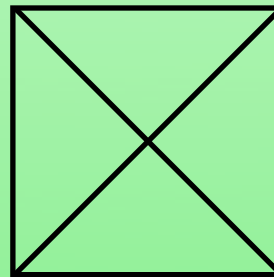
**A.**



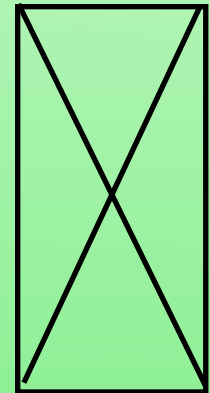
**B.**



**C.**



**D.**



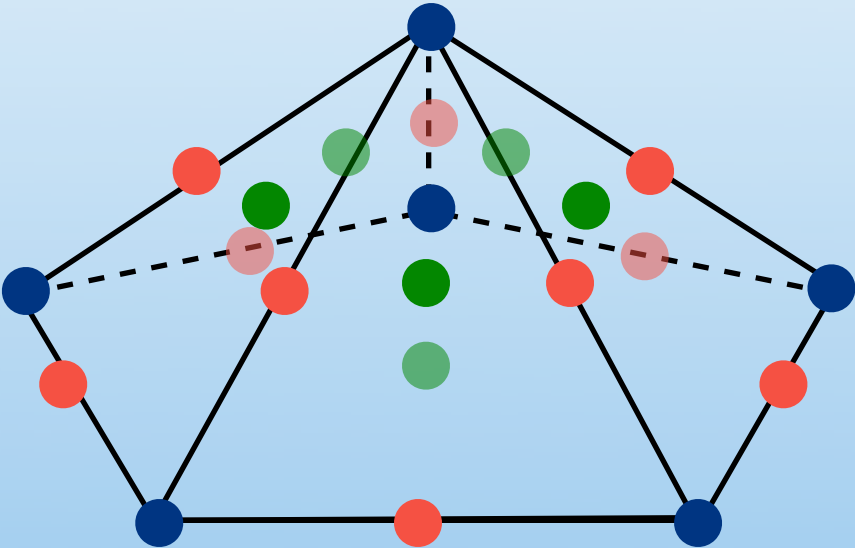
**2. Test Review**

**3. Break**

**4. Show and Tell**

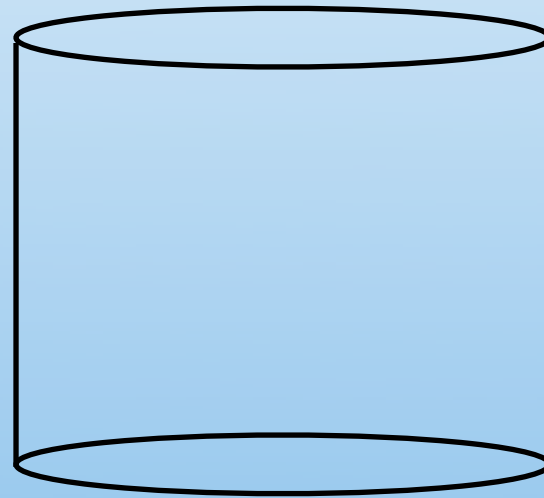
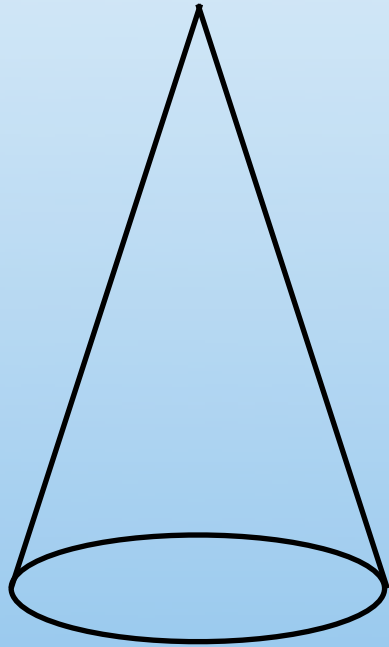
# 5. Notes - Polyhedrons

Three dimensional shapes made up of polygons.



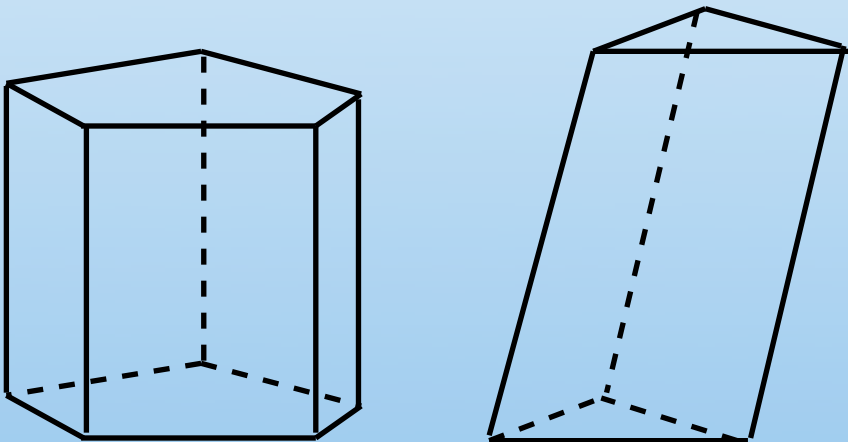
vertices  
edges  
faces

## 5. Notes - Not Polyhedrons



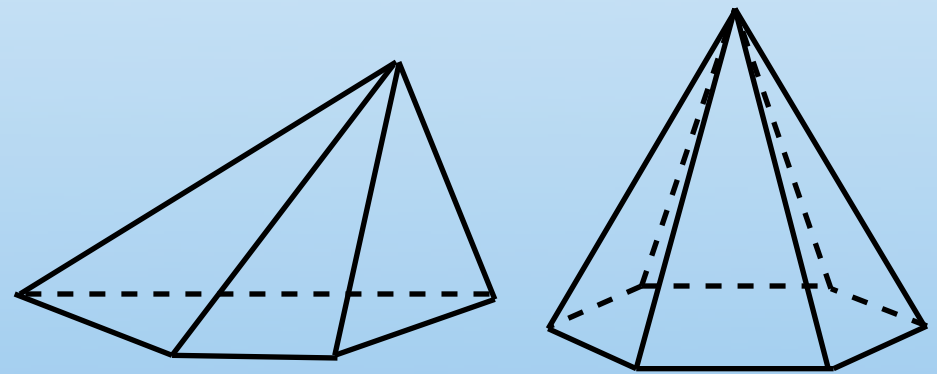
## 5. Notes - Two Kinds of Polyhedrons

Prisms



Two congruent, parallel bases.

Pyramids



One base and one vertex.

## 5. Notes - Prism

1. Name all the bases of the prism.

PQR & TUS

2. Name all the lateral faces of the prism.

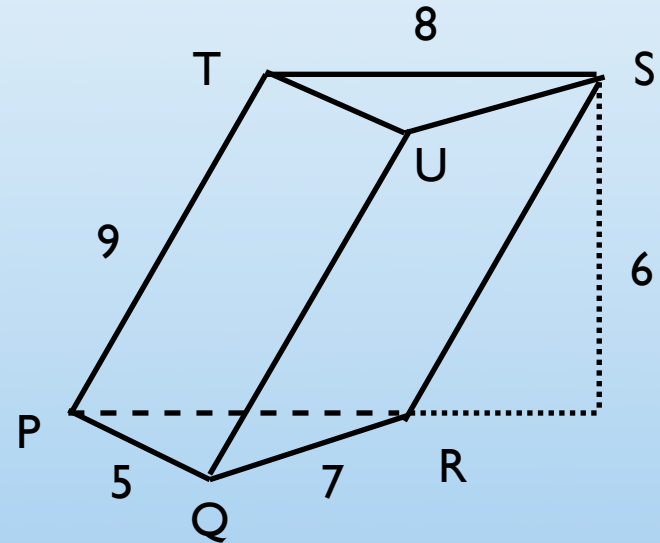
PTUQ & QUSR & PTSR

3. Name all the lateral edges of the prism.

PT & QU & RS

4. What is the height of the prism?

6



## 5. Notes - Pyramid

5. Name the base of the pyramid.

GNATPY

6. Name the vertex of the pyramid.

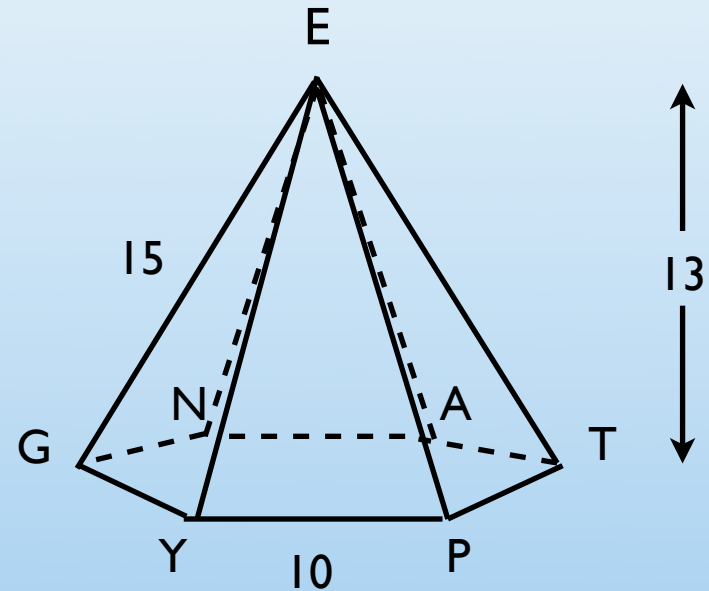
E

7. Name all the lateral edges of the pyramid.

EG & EN & EA &  
ET & EP & EY

8. What is the height of the pyramid?

13





## 5. Notes - Prism

Identify the solids.

- C 9. Die
- F 10. Tomb of
- H 11. Wedge of
- J 12. Box of br
- M 13. Plastic bo
- I 14. Ingot of
- L 15. Honeyco
- G 16. Stop sign
- E 17. Moon
- A 18. Can of tuna fish
- J 19. Book
- H 20. Pup tent.



- A. Cylinder
- one
- square prism
- square pyramid
- sphere
- triangular pyramid
- octagonal prism
- triangular prism
- trapezoidal prism
- J. Rectangular prism
- K. Heptagonal pyramid
- L. Hexagonal prism
- M. Hemisphere

## 6. Classwork

pg. 509 // #23 - 35

pg. 496 // #1 - 4, 7 - 14

27. T

28. F, it is only true for some pyramids

29. T

30. T

31. F, it is a sector.

32. T

33. F, the segment has to be perpendicular.

34. T

35. T