

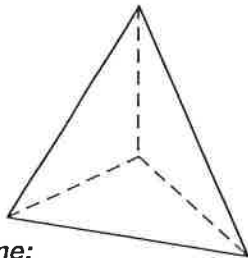
Who Turns Out the Lights on Halloween?



Write the name that best describes the space figure. Then fill in the other blanks as indicated. Find the name in the answer column. Write the letter next to it in the box at the bottom of the page that contains the other required information.

For Figures 1-9, write the name and the number of faces (F), vertices (V), and edges (E).

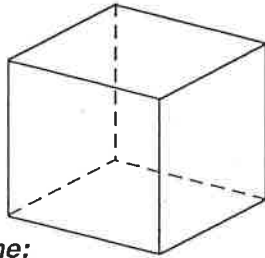
1.



name: _____

F: _____ V: _____ E: _____

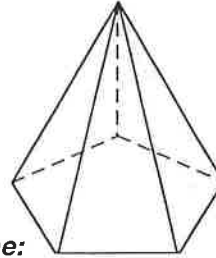
2.



name: _____

F: _____ V: _____ E: _____

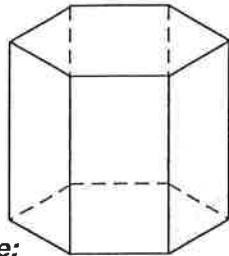
3.



name: _____

F: _____ V: _____ E: _____

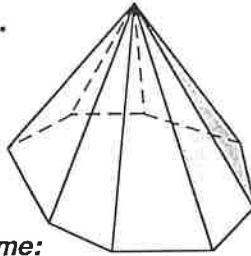
4.



name: _____

F: _____ V: _____ E: _____

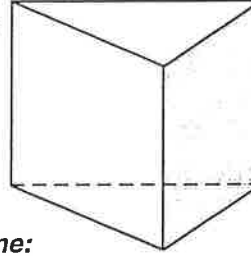
5.



name: _____

F: _____ V: _____ E: _____

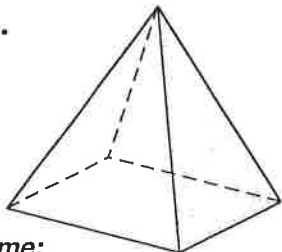
6.



name: _____

F: _____ V: _____ E: _____

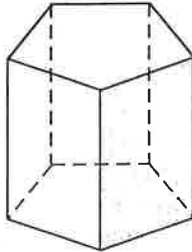
7.



name: _____

F: _____ V: _____ E: _____

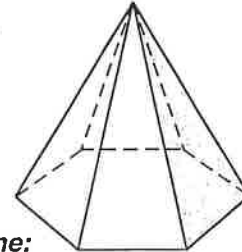
8.



name: _____

F: _____ V: _____ E: _____

9.

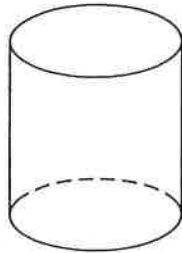


name: _____

F: _____ V: _____ E: _____

For Figures 10-12, write the name and the number of bases (B).

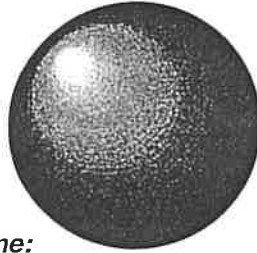
10.



name: _____

B: _____

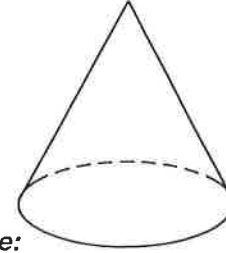
11.



name: _____

B: _____

12.



name: _____

B: _____

names:

I triangular prism

T rectangular prism

A pentagonal prism

H hexagonal prism

N octagonal prism

L cylinder

T sphere

I triangular pyramid

H rectangular pyramid

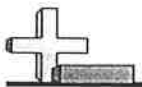
S pentagonal pyramid

C hexagonal pyramid

G octagonal pyramid

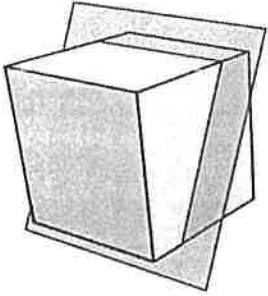
W cone

7, 10, 15	7, 9, 14	2	4, 4, 6	9, 9, 16	5, 5, 8	0	6, 6, 10	3	1	5, 6, 9	6, 8, 12	7, 7, 12	8, 12, 18
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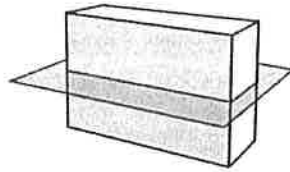


Determine the 2d shape that would be created if the 3d shape were sliced as shown.

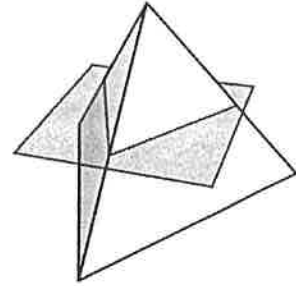
1)



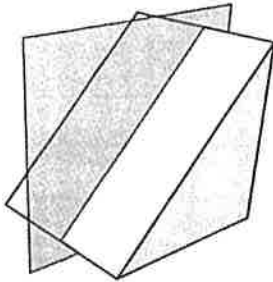
2)



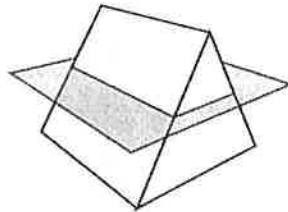
3)



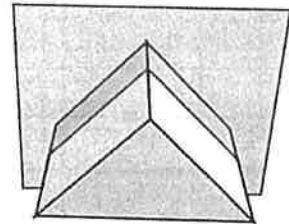
4)



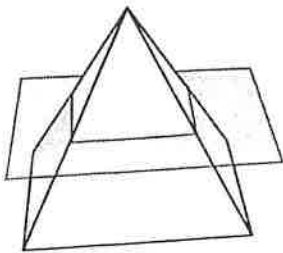
5)



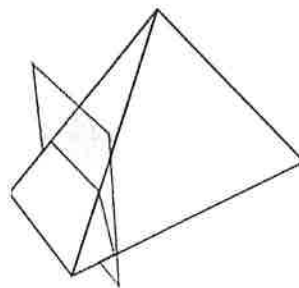
6)



7)



8)



9)

