Identifying Parts of 3D Shapes

Match the following terms with the correct explanations:

1)_____ Length (l)

2)_____ Width (w)

3)_____ Base (b)

4)_____ Height (h)

5)_____ Radius (r)

6)_____ Pi (π)

7)_____ Prism/Pyramid Height (H)

8)_____ Perimeter (P)

9)_____ Slant Height (l)

10)_____ Volume (V)

11)_____ Surface Area (S or SA)

A) A side of a rectangle base

B) A side of a rectangle base

C) The bottom side of a triangle base

D) Distance around the base shape

E) Distance between the two base shapes (or from base to peak)

F) The amount of space inside a shape

G) The distance from the center of a circle to the edge

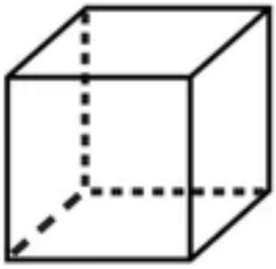
H) The symbol that equals 3.14

I) The area on the outside of a shape

J) Distance from the base of a triangle to the opposite corner

K) Distance from the edge of a base to the peak of a pyramid

12) Identify the correct parts of the rectangular prism

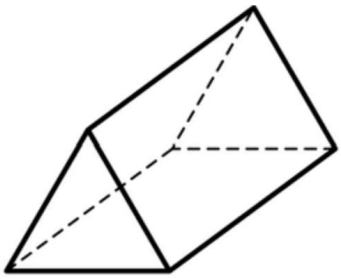


Length (l)

Width (w)

Prism Height (H)

13) Identify the correct parts of the triangular prism



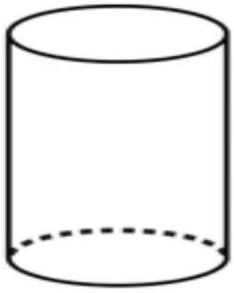
Base (b)

Triangle Height (h)

Prism Height (H)

Identifying Parts of 3D Shapes

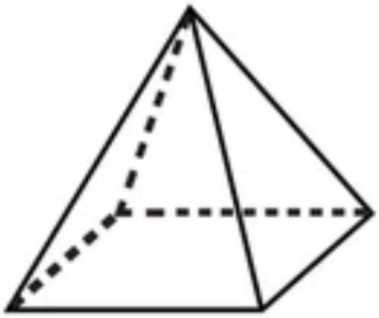
14) Identify the correct parts of the cylinder



Radius (r)

Cylinder Height (H)

15) Identify the correct parts of the Rectangular Pyramid



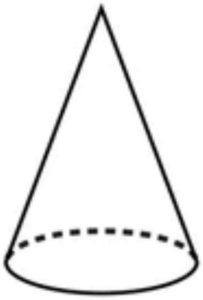
Length (l)

Width (w)

Pyramid Height (H)

Pyramid Slant Height (l)

16) Identify the correct parts of the Cone



Radius (r)

Cone Height (H)

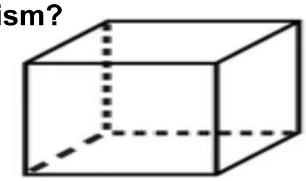
Cone Slant Height (l)

17) Identify the correct parts of the Sphere

Radius (r)

Identifying Parts of 3D Shapes

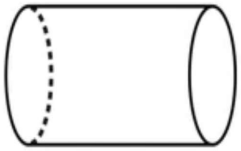
18) What three parts do you need for a rectangular prism?



_____ _____

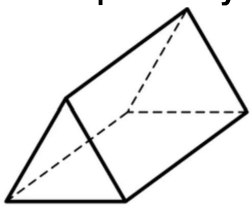
_____

19) What two parts do you need for a cylinder?



_____ _____

20) What three parts do you need for a triangul



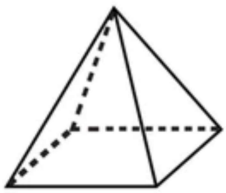
_____ _____

_____

21) What one part do you need for a sphere?

_____

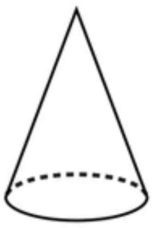
22) What four parts do you need to find the SA of a rectangular pyramid?



_____ _____

_____ _____

23) What two parts do you need to find the SA of a cone?



_____

_____

24) How comfortable are you feeling with finding the parts of the 3D shapes?