How would you define volume?





Challenge: Rotate each of these figures around line M. Name and/or describe the figure that is formed

How did your results compare to your groups? Did you have any misconceptions?

**Applied**

1. Sketch the figure formed after a 360 degree rotation around AN

b. Is NT =6 and AT = 10. Determine the area of the base of the 3-D figure

c. Determine the height of the 3-D figure



2. Given DU is congruent to UG, sketch and describe the figure formed by a rotation around DU

b. If DU = 18, determine the circumference/perimeter of the base in terms of π



**Intro to volume**



Homework: Ed-puzzle 5 minute video

1. What is a cross section?

Q 2-4:





8. What 3 shapes are formed if the figure below is rotated 360 degrees around segment AE