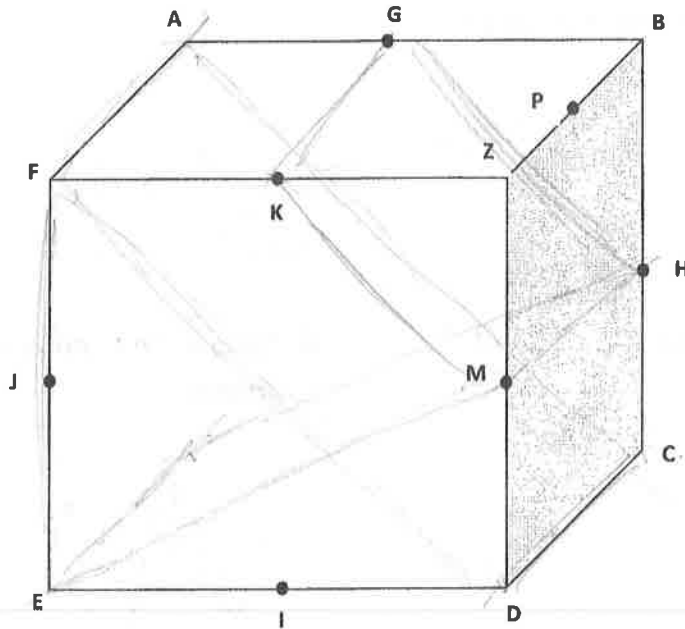


CROSS SECTIONS HW (Math 7 PLUS)

Name: _____

Date: _____ Period: _____



Using the cube above, describe what the shape of the cross-section would look like if the plane that cuts it goes through the given points.

1. Through points : J, M, H

Square

2. Through points: P, K, M

triangle

3. Through points: E, C, K, P

trapezoid.

4. Through points: C, D, A, F

Rectangle

5. Through points: M, H, E

Rectangle

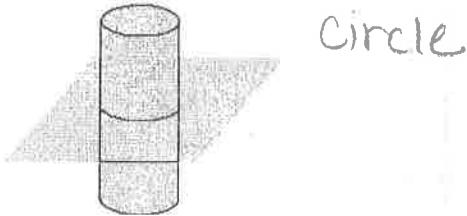
6. Through points: G, K, M, H

Rectangle.

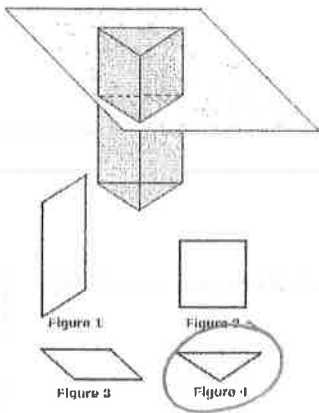
7. No matter what the original 3D figure, if you cut with a plane parallel to the base your cross section will always be the shape of the base.

Practice - Cross Sectional Views

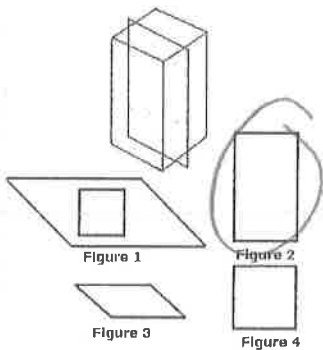
1. Describe the cross section of the given figure.



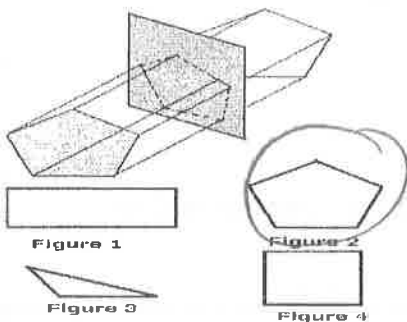
2. Identify the cross section of the solid shown.



3. Choose the cross section of the solid shown.

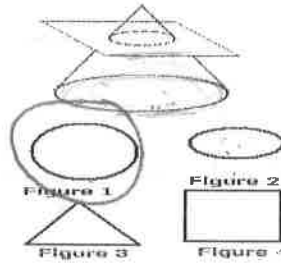


4. Which figure shows the cross section of the solid shown?

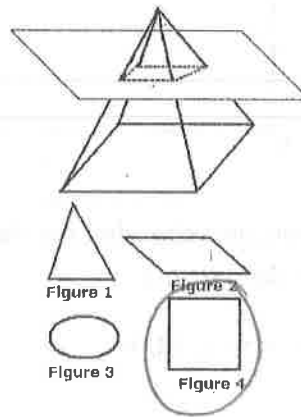


Name: Key

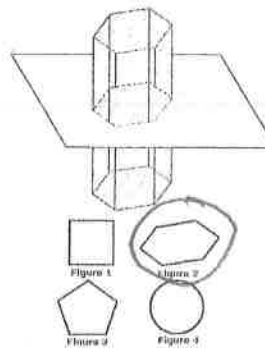
5. Identify the cross section of the solid shown.



6. Choose the cross section of the solid shown.



7. Which figure shows the cross section of the solid shown?



8. Identify the cross section of the solid shown.

