Find the surface area and volume of each of these shapes. (All of these shapes have the equal slice property)

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| --- | --- |
| 1. 2 cm is the perpendicular distance between the hexagonal faces. At some point in the process you will need to find the length x of the 4 sides of the hexagon on the left and right. | 2. |
| 3. | 4. In this one all of the angles are right angles. Don’t forget the sides around the hole when you calculate the surface area |

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| --- | --- |
| 1. 2 cm is the perpendicular distance between the hexagonal faces. At some point in the process you will need to find the length x of the 4 sides of the hexagon on the left and right.      Area of hexagon  SA=  Vol= | 2.      Area of oval = |
| 3.    Area of triangle = | 4. In this one all of the angles are right angles. Don’t forget the sides around the hole when you calculate the surface area    Area of shape with hole:    Area of outside sides:    Area of sides in “hole”:  SA= |