|  |  |
| --- | --- |
| Math 9**Surface Area – 3 Dimensional** | Name:Date:Block: |

Determine the surface area of each 3-D shape below.

\*Look for symmetry as this will cut down on the number of calculations you have to do.

\*Some students find it helpful to draw a net. In other words they “unfold” a 3D object into 2D pieces.

|  |  |
| --- | --- |
| VLS%20image%207 | Length = 4cmWidth = 6cmHeight = 5cm |

.

**3D Composite Shapes:** Two or more 3D shapes put together.

\*With composite shapes it is important to determine which faces will be included/ excluded from the total surface area.

Find the surface area of each composite shape below.

Length=4

Width=6

Height=5

Height=2

Radius=6

(\*hint – you have to use Pythagorus equation)