Dome Dilemma

You will need to house the various projects in domes. Due to carrying space, they can be one of three sizes which are small medium and large.

Use the following table to calculate the area of living space, area exposed to the sun and volume of air inside your domes.

Round your answers correct to the nearest 1,000 m^2.

Remember to round appropriately, given the constraint on protective panelling.

Dome	Raduis of Dome (m)	Area of floor	Area of Surface	Volume of Air
	Formula	πr^2	$2 \pi r^2$	$2 \pi r^3 \div 3$
Drake	50			
Tyler	75			
Hunt	100			