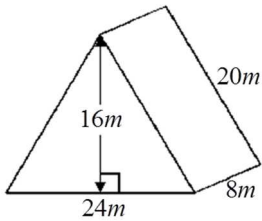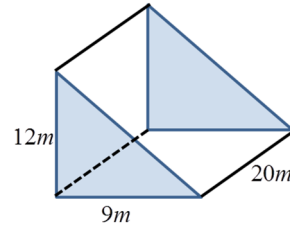Name:_____   Date:_____

Math 9 Homework Section 1.4 Surface Areas of Composite Objects

1. Calculate the surface area of each of the following solids:
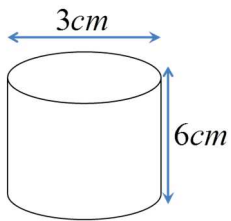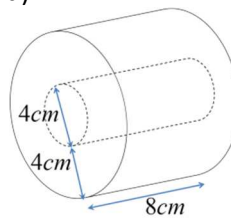
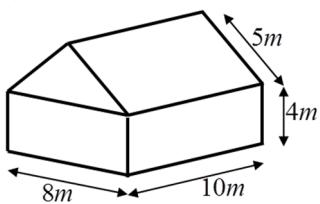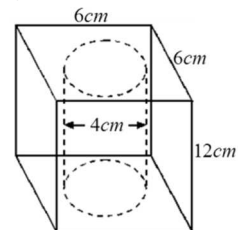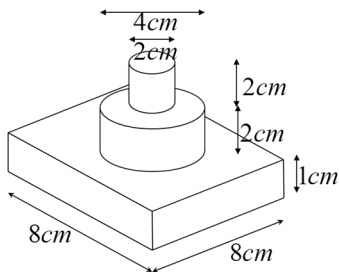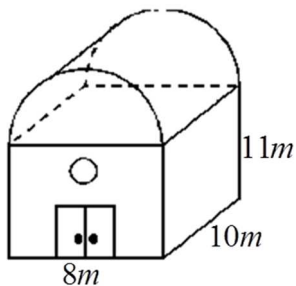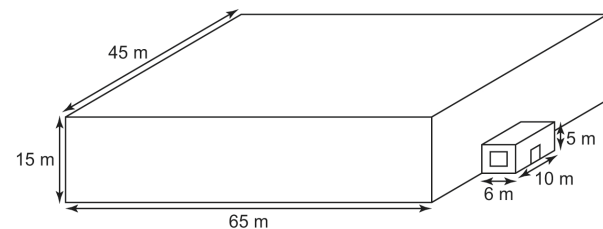|	
a)	b)
c)	d)
e)	f)

2. Calculate the surface are of the following 3D solid. Show all your work and steps:

3. A barn with the following dimensions is to be painted using a special paint that costs 5.25/m2. How much would it cost to paint the exterior of the building? (Excluding the door)

4. The local curling rink is shown in the diagram at the right. It is to be painted. Determine the surface area of the structure.

b) The roof, windows, and door are not to be painted. The door is 1m by 2m and the window is 4m by 2m. Determine the surface area to be painted.

c) A can of paint covers 300 m² and costs $45. Determine the cost of the paint needed.