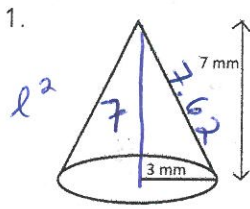


Sincerely, every student in your Geometry course

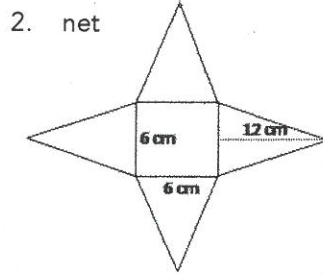
#1-8, Find the surface area for all of these fun solids. Showing your work is wise. Including a unit of measurement on your answer is necessary.



$$7^2 + 3^2 = l^2$$

$$\pi 3^2 + \pi 3 \cdot 7.62$$

$$100.09 \text{ mm}^2$$



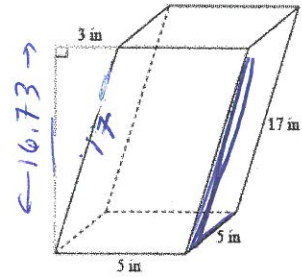
base + lateral

$$6 \cdot 6 + 4 \left(\frac{1}{2} \cdot 6 \cdot 12 \right)$$

$$36 + 144$$

$$180 \text{ cm}^2$$

3. oblique

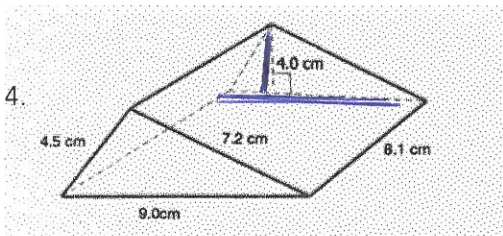


$$2(5 \cdot 17) \quad 170$$

$$2(5 \cdot 5) \quad 50$$

$$\star 2(5 \cdot 16.73) = 167.3$$

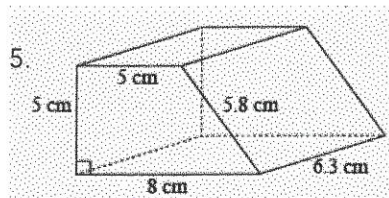
$$387.3 \text{ in}^2$$



$$2 \left(\frac{1}{2} \cdot 9 \cdot 4 \right) + (8.1 \cdot 7.2) + (8.1 \cdot 4.5) + (9 \cdot 8.1)$$

$$36 + 58.32 + 36.45 + 72.9$$

$$203.67 \text{ cm}^2$$



2 bases

$$2 \left(\frac{1}{2} (8+5) 5 \right) = 65$$

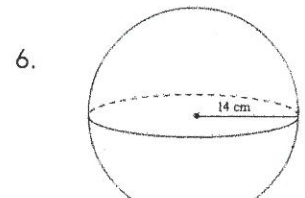
$$8 \cdot 6.3 = 50.4$$

$$5.8 \cdot 6.3 = 36.54$$

$$5 \cdot 6.3 = 31.5$$

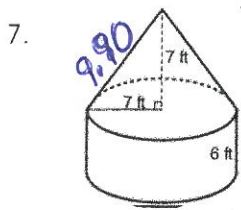
$$5 \cdot 6.3 = 31.5$$

$$214.94 \text{ cm}^2$$



$$4\pi(14)^2$$

$$2463.01 \text{ cm}^2$$



lateral cone

$$\pi \cdot 7 \cdot 9.9 = 217.71$$

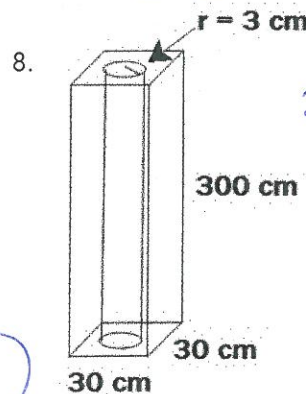
base

$$\pi 7^2 = 153.94$$

lateral cylinder

$$2\pi \cdot 7 \cdot 6 = 263.89$$

$$635.54 \text{ ft}^2$$



bases

$$2(30 \cdot 30 - \pi 3^2) = 1743.45$$

outside

$$4(30 \cdot 300) = 36000$$

inside

$$2\pi \cdot 3 \cdot 300 = 565.487$$

$$43,398.32 \text{ cm}^2$$