

To calculate ...





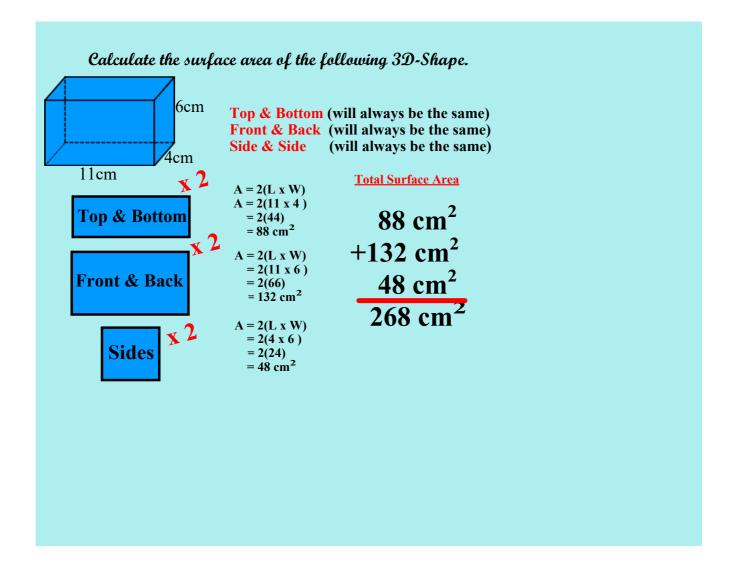
1. Identify all sides or faces.

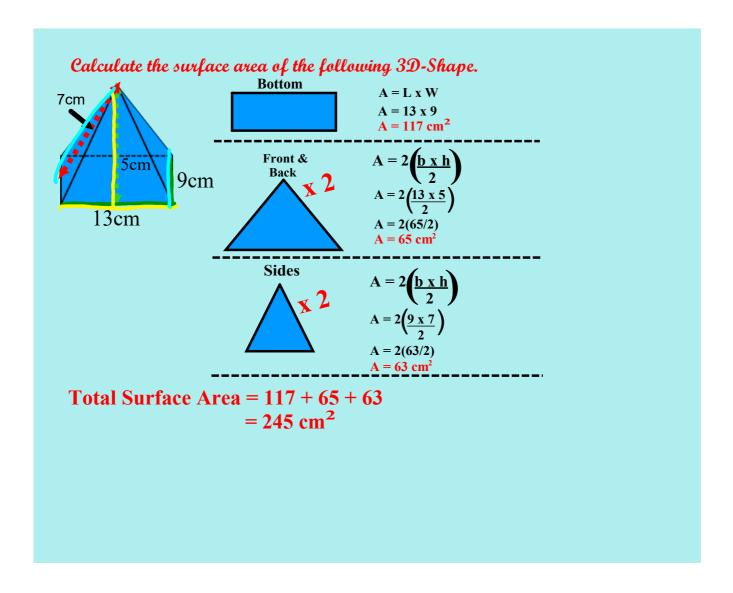


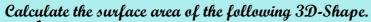
2. Calculate the area of each face.



3. Add all areas together.









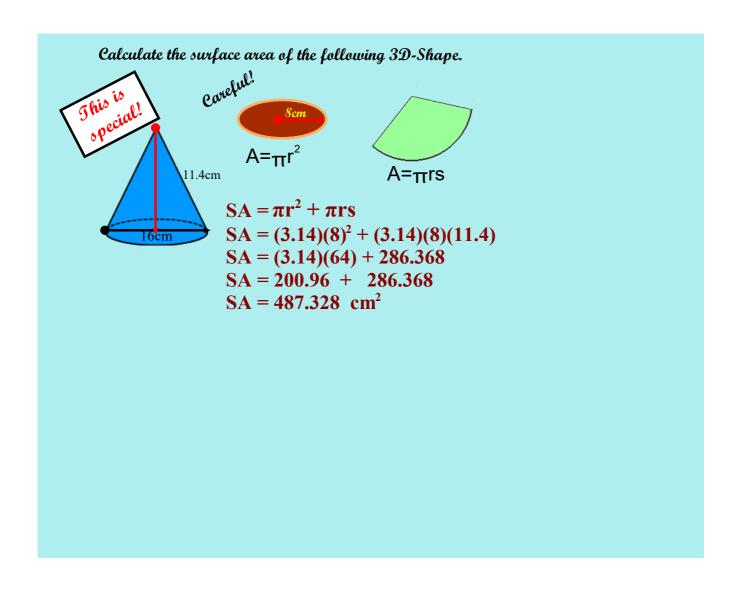
$$SA = 2\pi r^{2} + 2\pi rh$$

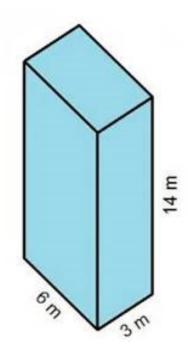
$$SA = 2(3.14)(2)^{2} + 2(3.14)(2)(21)$$

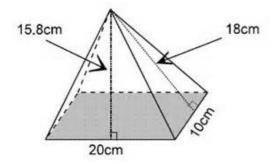
$$SA = 2(3.14)(4) + 263.76$$

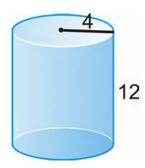
$$SA = 25.12 + 263.76$$

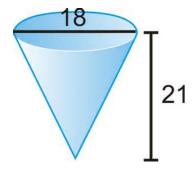
$$SA = 288.88cm^{2}$$











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