

Body Surface Area (BSA) a metric activity

Do this in pairs: Need This Sheet and a 100 cm metric tape (see template provided).

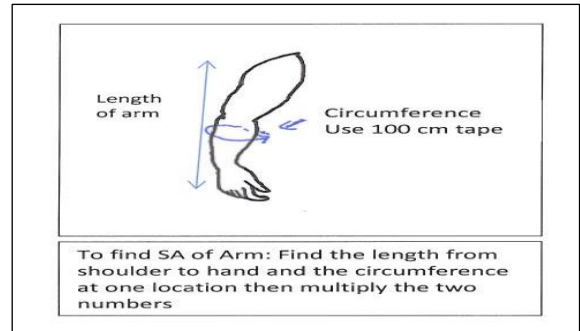
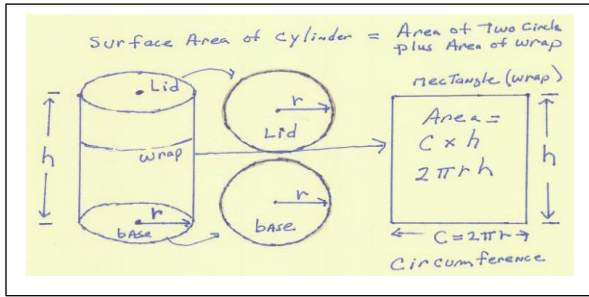
WHAT IS THE AREA OF YOUR SKIN in cm²?

Take a wild guess!!! _____

To find the surface area of your skin view each part of your body as a cylinder.

The Surface Area of a Cylinder is $2\pi rh + 2\pi r^2$

(the around part) + (the top and bottom)



1. HEAD $C = \underline{\hspace{2cm}}$; $L = \underline{\hspace{2cm}}$; $C \times L = \underline{\hspace{2cm}}$ (C = Circumference and L = Length)
2. ARMS $C = \underline{\hspace{2cm}}$; $L = \underline{\hspace{2cm}}$; $C \times L = \underline{\hspace{2cm}}$ by 2 =
Do one arm and multiply by 2
3. LEGS $C = \underline{\hspace{2cm}}$; $L = \underline{\hspace{2cm}}$; $C \times L = \underline{\hspace{2cm}}$ by 2 =
Do one leg and multiply by 2
4. FINGERS $C = \underline{\hspace{2cm}}$; $L = \underline{\hspace{2cm}}$; $C \times L = \underline{\hspace{2cm}}$ by 10 =
Do one finger and multiply by 10
5. FOOT $C = \underline{\hspace{2cm}}$; $L = \underline{\hspace{2cm}}$; $C \times L = \underline{\hspace{2cm}}$ by 2 =
Do one foot and multiply by 2
6. TORSO $C = \underline{\hspace{2cm}}$; $L = \underline{\hspace{2cm}}$; $C \times L = \underline{\hspace{2cm}}$

Add 1 – 6 to get a Total:

TOTAL APPROXIMATE AREA OF YOUR SKIN IS