

Body Surface Area (BSA) a metric activity

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

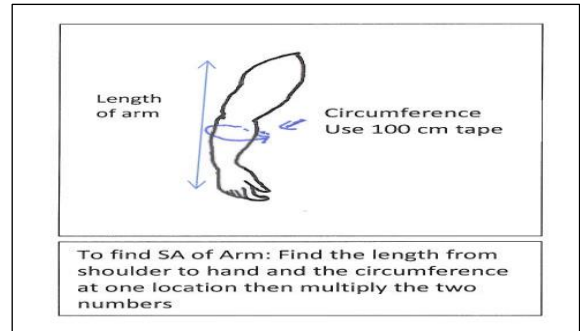
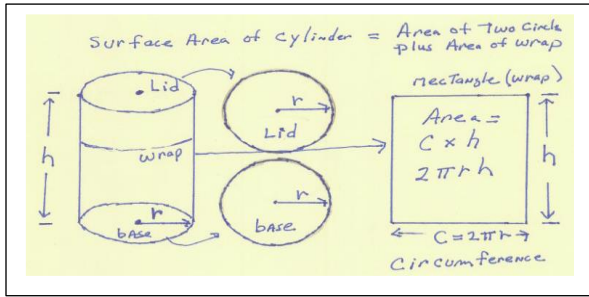
WHAT IS THE AREA OF YOUR SKIN in cm²?

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 $2\pi r h + 2\pi r^2$

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



1. HEAD C = _____; L = _____; CxL = (C = Circumference and L = Length)
2. ARMS C = _____; L = _____; CxL = _____ by 2 =
Do one arm and multiply by 2
3. LEGS C = _____; L = _____; CxL = _____ by 2 =
Do one leg and multiply by 2
4. FINGERS C = _____; L = _____; CxL = _____ by 10 =
Do one finger and multiply by 10
5. FOOT C = _____; L = _____; CxL = _____ by 2 =
Do one foot and multiply by 2
6. TORSO C = _____; L = _____; CxL = _____

Add 1 – 6 to get a Total:

TOTAL APPROXIMATE AREA OF YOUR SKIN IS