## 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 cm 2 ?

Take a wild guess!!! $\qquad$

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
$\mathrm{C}=$ $\qquad$ ; L = $\qquad$ ; $\mathrm{CxL}=\square$ ( $\mathrm{C}=$ Circumference and $\mathrm{L}=$ Length)
2. ARMS
$\mathrm{C}=$ $\qquad$ ; $\mathrm{CxL}=$ $\qquad$ by $2=$ $\square$ Do one arm and multiple by 2
3. LEGS
$\mathrm{C}=$ $\qquad$ ; L = $\qquad$ ; $\mathrm{CxL}=$ $\qquad$ by $2=$ $\qquad$ Do one leg and multiply by 2
4. FINGERS $\mathrm{C}=$ $\qquad$ ; L = $\qquad$ ; $\mathrm{CxL}=$ $\qquad$ by $10=$ $\square$
Do one finger and multiply by 10
5. FOOT
$\mathrm{C}=$ $\qquad$ ; L = $\qquad$ ; $\mathrm{CxL}=$ $\qquad$ by $2=$ $\square$
Do one foot and multiply by 2
6. TORSO
$\mathrm{C}=$ $\qquad$ ; L = $\qquad$ ; $\mathrm{CxL}=$ $\square$

Add 1 - 6 to get a Total:
TOTAL APPROXIMATE AREA OF YOUR SKIN IS $\square$

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