

Equipment needed: a tape measure and a partner

- 1 Ask your partner to carefully take your body measurements (in mm) as indicated in the following diagrams. Record these measurements and calculate the required ratios.

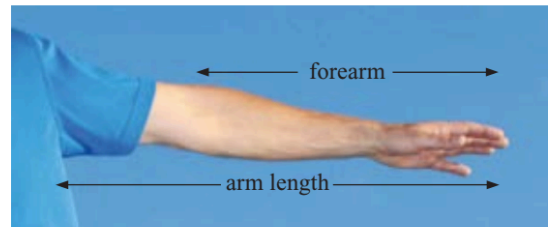
$$\text{Height} = \text{ ____ } \text{ mm}$$

$$\text{Height to navel} = \text{ ____ } \text{ mm}$$

$$\begin{aligned} \text{So, height : navel height} &= \text{ ____ } : \text{ ____ } \\ &= \text{ ____ } : 1 \end{aligned}$$



$$\begin{aligned} \text{Length of arm} &= \text{ ____ } \text{ mm (fingertip to armpit)} \\ \text{Length of forearm} &= \text{ ____ } \text{ mm (fingertip to elbow)} \\ \text{So, arm : forearm} &= \text{ ____ } : \text{ ____ } \\ &= \text{ ____ } : 1 \end{aligned}$$



$$\begin{aligned} \text{Hairline to chin} &= \text{ ____ } \text{ mm} \\ \text{Hairline to bottom of nose} &= \text{ ____ } \text{ mm} \\ \text{So, hairline to chin : hairline to nose} &= \text{ ____ } : \text{ ____ } \\ &= \text{ ____ } : 1 \end{aligned}$$

