



Problem of the Week

Problem B

Measure for Measure...

Some body measurements have interesting relationships to other body measurements.

Try the measurements below and then compare your results to those of your classmates.

Do you think their results will be similar?



- a) Measure your height in cm.
- b) Convert this measurement of your height into mm and m.
- c) Do you think your height is greater than, less than, or equal to 3 times the distance from the floor to the top of your kneecap? Measure and find out.
- d) Do you think your height is greater than, less than, or equal to 8 times the span of your hand? (Stretch your thumb and pinky finger as far as possible and measure between them to find the span of your hand.) Measure and find out.
- e) Do you think your height is greater than, less than, or equal to 3 times around your head? Measure the distance around and find out.

