

Metric Measurement Lab Linear Model

A. Measure the following:

1. Height: _____ inches _____ centimeters
2. Waist: _____ inches _____ centimeters
3. Finger span: _____ inches _____ centimeters
4. Arm reach: _____ inches _____ centimeters
5. Pace: _____ inches _____ centimeters
6. Length of shoe: _____ inches _____ centimeters
7. Wrist: _____ inches _____ centimeters
8. Circumference of head: _____ inches _____ centimeters
9. Length of index finger: _____ inches _____ centimeters

B. Graph your results with inches on the horizontal axis and centimeters on the vertical axis.

C. Find the rate of change of centimeters as a function of inches.