

## **Body Parts as Customary unit of measurement Investigation**

**INCH** Originally was the length of three barley grains placed end to end. Distance from tip of thumb to first knuckle or from first to second knuckle on index finger.

My INCH = \_\_\_\_\_ INCHES

**FOOT** Length of foot from longest toe to heel

My FOOT = \_\_\_\_\_ INCHES

**YARD** Distance from tip of nose to end of thumb with arm outstretched (cloth merchants, King Henry I)

My YARD = \_\_\_\_\_ INCHES

**HAND** Width of one hand, including the thumb (height of horses)

My HAND = \_\_\_\_\_ INCHES

**CUBIT** Length from point of bent elbow to middle fingertip (Egyptian pyramids, Noah's ark)

My CUBIT = \_\_\_\_\_ INCHES

**BRACCIO** Italian for "an arm's length" (Da Vinci's parachute)

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My BRACCIO = \_\_\_\_\_ INCHES

**FATHOM** From the Anglo-Saxon word for "embrace," it was the length of rope held between two hands with the arms outstretched. (sailors)

My FATHOM = \_\_\_\_\_ INCHES

**PACE** Length of a single step. In Roman times one pace was a double step, and our MILE came from the Latin mille passuum, meaning 1000 paces.

My PACE = \_\_\_\_\_ INCHES

Determine how close your "pace" is. See how many "paces" you take in 100 feet. Multiply that by 52.8. Do your work below. What is the difference between your paces and the Latin 1000 paces?