

Lorenzo Quinn's sculpture - Act II - Solve by asking students to measure the scale of their own hands to their height

We wondered if there is a typical proportion that relates the length of your hand to your height. I measured my hand from wrist to the tip of my longest finger and my husband's.

	Hand length	Height	Ratio
Mine	$7\frac{1}{8}$ inches	63 inches	$\frac{height}{hand} = \frac{63\text{ inches}}{7.125\text{ inches}} = 8.842$
Husband's	7.5 inches	65 inches	$\frac{height}{hand} = \frac{65\text{ inches}}{7.5\text{ inches}} = 8.\bar{6}$

Do some measurements of your own and try to come up with a typical expansion factor for judging height from hand length.

3. How could you use those proportions to judge how tall a child with a certain size hands must be?

In order to measure the size of Lorenzo Quinn's hands it might be helpful to know the height of one floor of the hotel. In Italy the size of one story of a hotel (from floor to the next story's floor) is about 3.1 meters.

4. Use this information to decide the size of one of those giant hands.
5. Now try to estimate the height of the child that would have hands the size of Lorenzo Quinn's sculpture.

Source: <https://www.cntraveler.com/story/new-lorenzo-quinn-sculpture-in-venice-highlights-the-threat-of-climate-change>
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