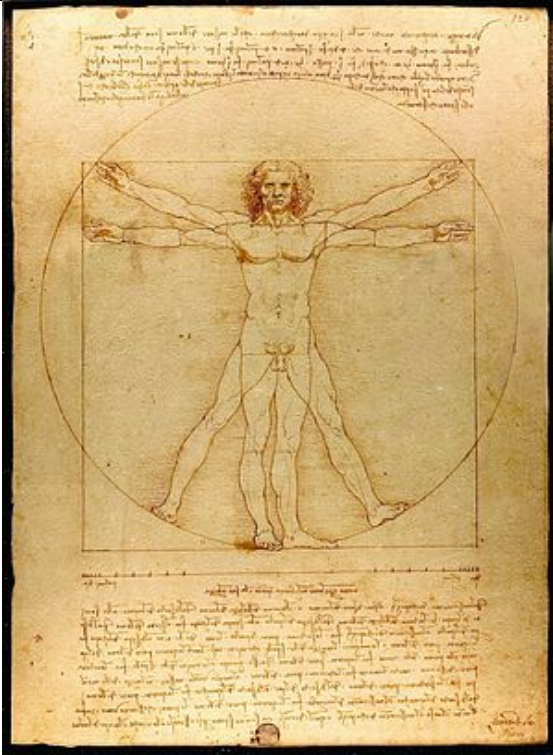


The Vitruvian Man



Pasted from
http://en.wikipedia.org/wiki/Vitruvian_Man

Given proportions:

- a [palm](#) is four fingers
- a [foot](#) is four palms
- a [cubit](#) is six palms
- four cubits make a man
- a [pace](#) is four cubits
- a man is 24 palms

- the length of the outspread arms is equal to the height of a man
- from the hairline to the bottom of the chin is one-tenth of the height of a man
- from below the chin to the top of the head is one-eighth of the height of a man
- the maximum width of the shoulders is a quarter of the height of a man
- the distance from the elbow to the tip of the hand is a quarter of the height of a man
- the distance from the elbow to the armpit is one-eighth of the height of a man
- the length of the hand is one-tenth of the height of a man
- the foot is one-seventh of the height of a man
- from below the foot to below the knee is a quarter of the height of a man
- the distances from the below the chin to the nose and the eyebrows and the hairline are equal to the ears and to one-third of the face

<p>Word or OneNote</p>		
<ol style="list-style-type: none"> 1. Write down new ratios based on the information above 2. Write down as many questions you can think of, not necessarily about Ratios, per se 3. Given a height of 160 cm, list the body parts you can estimate measurements for; pick one and calculate. 4. Pick 3 proportions (given or your own) and see (measure and calculate) if it holds true for you 	<p>Contribute answers to 1, 2 and 3 to: Wallwisher link</p>	<p>Submit to: Dropittome link</p>
<p>Reflect on your learning:</p> <ul style="list-style-type: none"> • Explain your results compared to the given ratios • Discuss what's good about Ratios, e.g. what purpose might it serve • Discuss what could be problematic about using Ratios • What did you think/feel about this activity/lesson? What did you like/dislike? 		