

# Are You Proportional?

Name \_\_\_\_\_

For this activity you will need to access your measurements from the GDocs.  
Look in the **FORMULA BAR** to find your exact **RATIO**.

Part I: Use the cross product to find out if your measurements are proportional to Leonardo da Vinci's ideal human proportions.

Da Vinci's Ideal Proportions	Your Proportions Write your proportion to the left and use the cross product.	Decimal from Part II	GDoc Decimal	STAR if you are proportional, If not, put over or under.
1/1 Arm Span to Height	$= \frac{1}{1}$			
1/4 Elbow - tip of hand to Height	$= \frac{1}{4}$			
1/10 Length of hand to height	$= \frac{1}{10}$			
1/8 Top of head - bottom of chin to height	$= \frac{1}{8}$			
1/6 Length of foot to height	$= \frac{1}{6}$			
1/3 Length of ear to face	$= \frac{1}{3}$			

Part II: Turn da Vinci's ratios into decimals (*use long division*):

1)  $\frac{1}{4}$

3)  $\frac{1}{8}$

5)  $\frac{1}{3}$

2)  $\frac{1}{10}$

4)  $\frac{1}{6}$