## How to Calculate Cousinhood

great-

niece/nephew

12.5%

850.00 cM

grandchild

25%

1,700.00 cM

Follow these steps to figure out what kind of cousins you are with a relative: 1. Identify the most recent ancestor you share with your relative, and how that ancestor is related to both you and to your relative. third-great-**2.** Find the ancestor on the chart (such as your parent, grandparent, great-grandparent, etc.). grandparent 3. Count down one box for each generation between that ancestor and your relative. The box you 3.125% land on specifies your relationship with the relative, and how much DNA you share with him or her. 212.50 cM Relationship to you third-greatgreat-greatparent grandparent aunt/uncle Percent shared DNA **50**% 3.125% 6.25% 3.400.00 cM 425.00 cM 212.50 cM Average shared centimorgans first cousin great-great-The shared DNA data can help you great-3 times removed aunt/uncle grandparent estimate your relationship to a genetic 6.25% 1.563% 12.5% match. Note this chart doesn't show double 850.00 cM 425.00 cM 106.25 cM cousins or half siblings, both relationships with about 25 percent shared DNA (roughly 1,700 cM). first cousin second cousin great-aunt/uncle grandparent twice removed twice removed 12.5% 25% 3.125% .781% 1,700.00 cM 850.00 cM 212.50 cM 53.13 cM first cousin second cousin third cousin aunt/uncle parent once removed once removed once removed **50**% **25**% 6.25% 1.563% .391% 1.700.00 cM 3,400,00 cM 425.00 cM 106.25 cM 26.56 cM first cousin second cousin third cousin fourth cousin sibling YOU **50**% 12.5% 3.125% .781% .195% 2.550.00 cM 212.50 cM 53.13 cM 13.28 cM 850.00 cM second cousin first cousin third cousin fourth cousin child niece/nephew once removed once removed once removed once removed **50**% **25**% 6.25% 1.563% .391% .0977% 3,400.00 cM 1.700.00 cM 425.00 cM 106.25 cM 26.56 cM 6.64 cM

## family?treemagazine

first cousin

twice removed

3.125%

212.50 cM

second cousin

twice removed

.781%

53.13 cM

third cousin

twice removed

.195%

13.28 cM

fourth cousin

twice removed

.0488%

3.32 cM