

Game Time!

Compare your number of possible grandparents to the number of known grandparents on your tree – these are the ancestors that you can show to your matches. Remember: # of “G’s” = # of cousin

| Generation | Matches | Total # of Possible Grand-parents (A) | Total# of Known Grand-parents (B) | Total % of Known Grand-parents (B/A) | Total % of Unknown Grand-parents (A-B)/A |
|-----------------------------------|-------------|---------------------------------------|-----------------------------------|--------------------------------------|------------------------------------------|
| Grandparent | 1st cousins | 4 | | | |
| Great-Grandparent | 2nd cousins | 8 | | | |
| 2 nd GG-Grandparent | 3rd cousins | 16 | | | |
| 3 rd GGG-Grandparent | 4th cousins | 32 | | | |
| 4 th GGGG-Grandparent | 5th cousins | 64 | | | |
| 5 th GGGGG-Grandparent | 6th cousins | 128 | | | |

Adapted from *Genetic Genealogy in Practice* by Blaine T. Bettinger and Debbie Parker Wayne
(Order complete workbook from National Genealogical Society, www.ngsgenealogy.org)

Fill in a List of the Surnames in your direct line – how far does it go?

| Gen | Paternal | Relationship | Maternal | Relationship | Notes |
|-----|----------|--------------|----------|--------------|-------|
| 1 | | F | | M | |
| 2 | | PGF | | MGF | |
| 2 | | PGM | | MGM | |
| 3 | | PGGF | | MGGF | |
| 3 | | PGGM | | MGGM | |
| 3 | | PGGF | | MGGF | |
| 3 | | PGGM | | MGGM | |
| 4 | | PGGGF | | MGGGF | |
| 4 | | PGGGM | | MGGGM | |
| 4 | | PGGGF | | MGGGF | |
| 4 | | PGGGM | | MGGGM | |
| 4 | | PGGGF | | MGGGF | |
| 4 | | PGGGM | | MGGGM | |
| 4 | | PGGGF | | MGGGF | |
| 4 | | PGGGM | | MGGGM | |