Gen 2.5

1C1R (first cousins once removed)

Cousin is a generation older than you, your grandparents, which is 2 generations, are your great-grandparents, which is 3 generations. Therefore, the Gedmatch Generation is calculated as being between 2 and 3 = 2.5

Gen 2.6

1C1R (first cousins once removed)

2C (second cousins)

Gen 2.9

2C (second cousins)

Gen 3.0

2C (second cousins)

This is the ideal scenario, with the common shared ancestors for you and your match both being 3 generations back.

Gen 3.3

2C1R (second cousins once removed)

Gen 3.5

2C1R (second cousins once removed)

Second cousin is POSSIBLY a generation older than you;

their G-grandparents, which is 3 generations, are your GG-grandparents, which is 4 generations. Therefore, the Gedmatch Generation is calculated as being between 3 and 4 = 3.5.

3C (third cousins)

2C2R (second cousins twice removed).

Gen 3.6

2C1R (second cousins once removed)

3C (third cousins)

Gen 3.7

2C1R (second cousins once removed)

3C (third cousins)

3C1R (third cousins once removed)

Gen 3.8

2C2R (second cousins twice removed)

3C (third cousins)

Gen 3.9

3C1R (third cousins once removed)

Gen 4.0

3C (third cousins)

This is the ideal scenario, with the common shared ancestors for you and our match both being 4 generations back.