|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  12 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  11 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  10 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  9 |  |  |  |  |  |  |  |  |  |  |
|  |  |  | Quadratic Parent Function y = x2 |  |  |  |  |  |  8 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  7 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  6 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  5 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  4 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  3 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  2 |  |  |  | y |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  1 |  |  |  |  |  |  |  |  |  |  |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 | -3 | -2 | -1 |  1 |  2  |  3 |  4 |  5  |  6 |  7 |  8 |  9 |  10x |
|  |  |  |  |  |  |  |  |  |  -1 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -2 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -3 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -4 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -5 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -6 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -7 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -8 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -9 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -10 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -11 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  -12 |  |  |  |  |  |  |  |  |  |  |