|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  | 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 | 10  x |
|  |  |  |  |  |  |  |  |  | -1 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -2 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -3 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -4 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -5 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -6 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -7 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -8 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -9 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -10 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -11 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | -12 |  |  |  |  |  |  |  |  |  |  |