$\qquad$ Date: $\qquad$

## Pre-Calculus

| Q | F | S | P | E | S | R | E | V | N | I | A | H | X | E | S | P | I | L | L | E | R |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q | U | A | D | R | A | T | I | C | F | 0 | R | M | U | L | A | R | C | K | H | 0 | V |  |
| 0 | F | E | D | W | T | W | W | T | X | D | E | Z | A | Y | W | C | 0 | B | C | Q | T | P |
| U | N | I | T | C | I | R | C | L | E | 0 | F | F | Y | G | B | 0 | E | I | 0 | L | B | 0 |
| T | E | W | G | D | F | 0 | R | M | U | L | A | S | D | 0 | A | M | F | P | S | 0 | Q |  |
| R | H | T | K | 0 | F | A | C | T | 0 | R | A | L | Y | 0 | F | P | F | T | E | G | M | E |
| A | X | N | 0 | I | T | C | N | U | F | T | N | E | R | A | P | R | I | N | C | A | R | N |
| N | M | C | 0 | N | I | C | S | E | C | T | 1 | 0 | N | S | E | E | C | E | A | R | D | T |
| S | H | P | Q | 0 | N | 0 | 1 | T | C | N | U | F | V | G | I | S | 1 | G | N | 1 | X |  |
| F | C | M | K | B | A | K | K | V | A | S | H | R | F | S | 0 | S | E | N | T | T | A | A |
| 0 | S | T | R | 0 | 1 | V | A | H | E | B | D | N | E | V | U | 1 | N | A | L | H | H |  |
| R | P | S | S | M | E | T | S | Y | S | N | Z | $J$ | P | D | T | 0 | T | T | S | M | X | D |
| M | P | 0 | L | Y | N | 0 | M | 1 | A | L | S | D | X |  | B | N | Y | H | Y | L | 0 | E |
| A | $J$ | C | V | Q | W | J | S | E | E | R | G | E | D | Z | $J$ | F | P | E | W | M | S |  |
| T | R | T | H | S | N | 0 | I | T | A | L | S | N | A | R | T | A | N | I | A | U | T | A |
| 1 | V | N | R | A | D | I | A | N | S | E | D | D | S | L | R | 1 | X | I | M | E | N |  |
| 0 | E | E | S | R | N | T | Z | L | Z | P | I |  | S | G | S | J | N | N | L | D | E | X |
| N | R | G | A | W | C | Y | I | U | P | L | N | T | E | 0 | E | R | P | K | T | K | N |  |
| S | S | N | N | D | S | M | V | J | A | E | R | J | C | T | C | L | U | X | U | H | 0 | A |
| T | T | A | R | A | 1 | D | Y | T | P | E | 0 | Q | N | C | A | L | B | V | L |  | P |  |
| Q | 1 | T | S | T | R | 0 | 1 | Q | T | H | 1 | J | Y | J | N | Y | Y | N | P | T | X |  |
| L | K | 0 | S | E | A | 0 | U | C | C | 1 | R | C | L | E | T | B | W | 0 | B | D | E | G |
| G | $J$ | C | H | Y | N | Q | H | E | W | Y | R | T | E | M | 0 | N | 0 | G | I | R | T |  |
| C | X | A | T | B | R | H | T | W | 0 | R | G | L | A | 1 | T | N | E | N | 0 | P | X |  |


| exponential growth | exponential decay | quadratic formula | parent function | transformations |
| :--- | :--- | :--- | :--- | :--- |
| conic sections | translations | end behavior | trigonometry | coefficient |
| polynomials | compression | unit circle | hyperbola | exponents |
| logarithm | cotangent | dilation | formulas | function |
| cosecant | stretch | ellipse | radians | degrees |
| inverse | systems | tangent | domain | graphs |
| factor | circle | limits | secant | cosine |
| range | sine |  |  |  |

