|  |  |
| --- | --- |
| What is the y-intercept? | |
| A.  (6,0) | Go To # 3 |
| B.  (0,6) | Go To # 4 |
| C.  (2.25,0) | Go To # 5 |
| D.  (0, 2.25) | Go To # 6 |

|  |
| --- |
| Explain how can be found if the parent function is |

|  |  |
| --- | --- |
| A.  Shifted 1 unit to left and up 4 units | Go To #7 |
| B.  Shifted 1 unit to right and up 4 units | Go To # 6 |
| C  Shifted 1 unit to left | Go To # 5 |
| D.  Shifted 1 unit to right | Go To # 8 |
| Evaluate | |
| A.  3 | Go To # 4 |
| B.  4 | Go To # 5 |
| C.  9 | Go To # 6 |
| D.  27 | Go To # 7 |

|  |
| --- |
| Evaluate |

|  |  |
| --- | --- |
| A.  -6 | Go To # 9 |
| B.  2 | Go To # 10 |
| C.  4.69 | Go To # 11 |
| D  -2 | Go To # 12 |

|  |
| --- |
| Expand the following expression: |

|  |  |
| --- | --- |
| A. | Go To # 7 |
| B. | Go To # 8 |
| C. | Go To # 9 |
| D. | Go To # 10 |
| Condense the expression to a logarithm of a single quantity. | |
| A. | Go To # 1 |
| B. | Go To # 2 |
| C. | Go To # 3 |
| D. | Go To # 4 |
| Solve | |

|  |  |
| --- | --- |
| A. | Go To # 9 |
| B.  There is no solution | Go To #10 |
| C. | Go To # 11 |
| D. | Go To # 12 |

|  |  |
| --- | --- |
| Solve: | |
| A. | Go To # 1 |
| B. | Go To # 2 |
| C. | Go To # 3 |
| D. | Go To # 4 |

|  |
| --- |
| Solve: |

|  |  |
| --- | --- |
| A. | Go To # 2 |
| B. | Go To # 3 |
| C. | Go To # 4 |
| D. | Go To # 5 |

|  |  |
| --- | --- |
| Solve put answer in simplest form: | |
| A.  x= 3 | Go To # 5 | |
| B. | Go To # 6 | |
| C  x=2 | Go To # 7 | |
| D.  x=4 | Go To # 8 | |

|  |
| --- |
| Solve: |

|  |  |
| --- | --- |
| A.  x=4 | Go To # 1 |
| B. | Go To #2 |
| C. | Go To # 3 |
| D. | Go To # 4 |

Which function has a graph with both an x-intercept and a y-intercept?

|  |  |
| --- | --- |
| A. | Go To # 8 |
| B. | Go To # 9 |
| C. | Go To # 10 |
| D. | Go To # 11 |

Answer Key:

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