Functions Day 2 HW Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find all missing information for the following functions.

|  |  |  |
| --- | --- | --- |
| 1.  https://upload.wikimedia.org/wikipedia/commons/thumb/3/3c/Polynomialdeg4.svg/400px-Polynomialdeg4.svg.png  Domain:  Range:  Function/Not Function *(circle)*  Increasing:  Decreasing:  X – Intercept(s):  Y – Intercept(s): | 2.    Domain:  Range:  Function/Not Function *(circle)*  Increasing:  Decreasing:  X – Intercept(s):  Y – Intercept(s): | 3.    Domain:  Range:  Function/Not Function *(circle)*  Increasing:  Decreasing:  X – Intercept(s):  Y – Intercept(s): |

Functions Day 2 HW Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find all missing information for the following functions.

|  |  |  |
| --- | --- | --- |
| 4.  **(*x* + 1)(*x* – 3) = 0**  Domain:  Range:  Function/Not Function *(circle)*  Increasing:  Decreasing:  X – Intercept(s):  Y – Intercept(s): | 5.  *X*3 – 8*x* = 0  Domain:  Range:  Function/Not Function *(circle)*  Increasing:  Decreasing:  X – Intercept(s):  Y – Intercept(s): | 6.  ***x*2 + 5*x* + 6 = 0**  Domain:  Range:  Function/Not Function *(circle)*  Increasing:  Decreasing:  X – Intercept(s):  Y – Intercept(s): |