**Pre-Calculus: Practice Test Ch.1.1-1.2**  Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hour \_\_\_\_\_

**Solving eq.s alg. & graphically; matching: graphs, tables, equations; domain, range, VA, HA, ext.**

|  |  |
| --- | --- |
| **4** | **Correct, complete, with appropriate work or explanations** |
| **3** | **Correct strategy, minor errors, appropriate work or explanations.** |
| **2** | **Starts with appropriate strategy, some understanding, some errors.** |
| **1** | **Attempted appropriate strategy, minimal understanding.** |
| **0** | **Little or no understanding evident—OR—no work shown.** |

**Please show work for each of the problems.**

**Short answer or multiple choice are 2 pionts each. Other answers will be worth 4 points based on our department 4 point rubric.**

1. **Solve.**

$ a.) x^{2}-2x+6=2x^{2}-6x-26$ b.) $ x\left(x+5\right)=12$

**Complete the table.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Equations** | **Domain** | **Range** | **Vert****Asymp** | **Horiz Asymp** | **Mx/Mn****(x,y)** |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 | $$y=\frac{2x^{2}-3x-5}{3x^{2}+5x+2}$$ |  |  |  |  |  |