Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Solving Equations Review 8-16-17 Hour 1 2 3 4 5 6 7

Solve each of the following equations GIVE EXACT ANSWER and DO NOT USE A CALCULATOR

|  |  |  |
| --- | --- | --- |
| Equation 1  | Equation 2 | Equation 3 |
|  |  |  |
| Exact Solution  | Exact Solution  | Exact Solution  |

Match the system to the equation using Equation 1:  Equation 2:  Equation 3: 

|  |  |  |
| --- | --- | --- |
| System I | System II | System III |
|  |  |  |
| This system is really equation \_\_\_\_\_\_ | This system is really equation \_\_\_\_\_\_ | This system is really equation \_\_\_\_\_\_ |
| Which points are x intercepts? | Which points are y intercepts? | Which lines are vertical asymptotes?  | Which lines are horizontal asymptotes? |
|

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | D | E | F | G | H | I |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | D | E | F | G | H | I |

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|  |  |  |
| --- | --- | --- |
| Line 1  | Line 2 | Line 3 |

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|  |  |  |
| --- | --- | --- |
| Line 1  | Line 2 | Line 3 |

 |
| Which points are solutions to the related systems? | Which points give a domain and range restriction? | Which functions have domain restrictions?  | Which functions have range restrictions?  |
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| A | B | C | D | E | F | G | H | I |

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| State the domain and range of  | State the domain and range of  | State the domain and range of |
| Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Range \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Range \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Domain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Range \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |