Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Summative Assessment Exponential Equations and Systems Period \_\_\_\_

SHOW ALL OF YOUR WORK IN A CLEAR AND EASY TO FOLLOW MANNER

Give an exact and approximate answer when necessary (attempt this problem WITHOUT the use of LOG)

|  |  |
| --- | --- |
| Graph of the related system  Diagram  Description automatically generated | Graph of the related system |
| 1. Show the ALGEBRA necessary to find point C |  |

1. Complete the related table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Point A | Point B | Point C | Point D | Horizontal Asymptote |
|  | Exact  Approximate | Exact  Approximate | Exact  Approximate |  |

Give an exact and approximate answer when necessary (You will need the use of a logarithm for this problem)

|  |  |
| --- | --- |
| Graph of the related system | Graph of the related system |
|  |  |

1. Complete the related table

|  |  |  |  |
| --- | --- | --- | --- |
| Point A | Point B | Point C | Horizontal Asymptote |
|  | Exact  Approximate | Exact  Approximate |  |

Extra Credit 1: Give an example of how you intend to keep your mind active over the summer

Give an exact and approximate answer when necessary (You will need the use of a logarithm for this problem)

|  |  |
| --- | --- |
| Graph of the related system |  |
|  |  |

1. Complete the related table

|  |  |  |  |
| --- | --- | --- | --- |
| Point A | Point B | Point C | Horizontal Asymptote |
|  | Exact  Approximate | Exact  Approximate |  |

Extra Credit #2: Which better describes your next step in mathematics and why? Exciting Scary

Give an exact and approximate answer when necessary (You will need the use of a logarithm for this problem)

|  |  |
| --- | --- |
| Graph of the related system |  |
|  |  |

1. Complete the related table

|  |  |  |  |
| --- | --- | --- | --- |
| Point A | Point B | Point C | Horizontal Asymptote |
|  | Exact  Approximate | Exact  Approximate |  |

Extra Credit #3 If you could thank only one teacher for what they have done for you this year, what would it be for?

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Summative Assessment Exponential Equations and Systems Period \_\_\_\_

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|  |  |
| --- | --- |
| Graph of the related system | Graph of the related system |
| 1. Show the ALGEBRA necessary to find point C |  |

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| --- | --- | --- | --- | --- |
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|  |  |
| --- | --- |
| Graph of the related system | Graph of the related system |
|  |  |

1. Complete the related table

|  |  |  |  |
| --- | --- | --- | --- |
| Point A | Point B | Point C | Horizontal Asymptote |
|  | Exact  Approximate | Exact  Approximate |  |

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Give an exact and approximate answer when necessary (You will need the use of a logarithm for this problem)

|  |  |
| --- | --- |
| Graph of the related system |  |
|  |  |

1. Complete the related table

|  |  |  |  |
| --- | --- | --- | --- |
| Point A | Point B | Point C | Horizontal Asymptote |
|  | Exact  Approximate | Exact  Approximate |  |

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|  |  |
| --- | --- |
| Graph of the related system |  |
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|  |  |  |  |
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| Point A | Point B | Point C | Horizontal Asymptote |
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