**Domain and Range Practice – Alg 2 Tutorials Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **1.** | Find the domain of the function                           http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain12.gif | http://www.regentsprep.org/Regents/math/algtrig/ATP5/domainpic1.jpg |
| **Choose:**Top of FormAll Realshttp://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain28.gifhttp://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain29.gif Bottom of Form |

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| **2.** | Find the domain of the function                              http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain15.gif | http://www.regentsprep.org/Regents/math/algtrig/ATP5/2217486.jpg |
| **Choose:**Top of FormAll Realshttp://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain30.gifhttp://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain31.gifBottom of Form |

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| **3.** | Find the range of the function                                   http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain16.gif | http://www.regentsprep.org/Regents/math/algtrig/ATP5/2216833.jpg  |
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| **4.** | http://www.regentsprep.org/Regents/math/algtrig/ATP5/2216762.jpg | Find the domain of the function                        http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain17.gif |
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| **5.** | Find the range of the function                             http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain12.gif | http://www.regentsprep.org/Regents/math/algtrig/ATP5/domainpic2.jpg |
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| **6.** | Which diagram below shows a function that is one-to-one, but NOT onto? | http://www.regentsprep.org/Regents/math/algtrig/ATP5/2217402.jpg |
| **Choose:**Top of Form**1** **2** **3**Bottom of Form |
| **1.**http://www.regentsprep.org/Regents/math/algtrig/ATP5/Pic1.jpg | **2.http://www.regentsprep.org/Regents/math/algtrig/ATP5/Pic2.jpg** | **3.http://www.regentsprep.org/Regents/math/algtrig/ATP5/Pic3.jpg** |

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| **7.** | Determine which description pertains to this function as graphed in the coordinate plane, http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain40.gif               http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain35.gif | http://www.regentsprep.org/Regents/math/algtrig/ATP5/domainpic3.jpg |
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| **8.** | Determine which description pertains to this function as graphed in the coordinate plane, http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain41.gif               http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain36.gif | http://www.regentsprep.org/Regents/math/algtrig/ATP5/2216710.jpg |
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| **9.** | Find the range of the function *http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain37.gif* |    | http://www.regentsprep.org/Regents/math/algtrig/ATP5/domainpic4.jpg |
| **Choose:**Top of FormAll Realshttp://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain38.gifhttp://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain34.gifBottom of Form |

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| **10.** | Determine which description pertains to this function as graphed in the coordinate plane, http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain42.gif                             http://www.regentsprep.org/Regents/math/algtrig/ATP5/Domain39.gif | http://www.regentsprep.org/Regents/math/algtrig/ATP5/2217453.jpg |
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| **11.** | This diagram illustrates ...                     http://www.regentsprep.org/Regents/math/algtrig/ATP5/onetoone7.jpg | http://www.regentsprep.org/Regents/math/algtrig/ATP5/2217492.jpg |
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| **14.** | What is the domain of the function shown in the graph at the right?  (Each grid line represents one unit.)     | Rgraph |
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