**Pre-Calc. 11 LG 14A QUIZ (Formative Assessment)**

**Marking Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Student #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Evaluate.

 

1. Order the numbers from least to greatest.

 

 **3.** Write an absolute expression to determine the horizontal or vertical length of each line       segment.

 a) A ( 7, 3 ) and B ( 7, -8 )

 b) A ( -2, 3 ) and B ( -9, 3)

 **4.** A particular stock opened the month at $42.50 per share, it dropped to $39.75,       increased to $43.89, and closed the month at $37.66. Determine the total change in the       value of this stock for that month.

1. If *x* is a real number, then write the following without the absolute value symbol.

 

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1. Use the graphs below to sketch the graph of 

Consider the function 

1. Sketch a graph

1. What are the x-intercepts and y-intercept.
2. What are the domain and range of .
3. Sketch and express the function as a piecewise function. (use above graph)

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| Directions: |  | **See me about this** |  | **Move on to next guide** |  | **Review and redo** |

**Pre-Calc. 11 LG 14B QUIZ (Formative Assessment)**

**Marking Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Student #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **1.** Evaluate.

 

 **2**. Order the numbers from least to greatest.

 

 **3.** Write an absolute expression to determine the horizontal or vertical length of each line       segment.

 a) A ( 8, 5 ) and B ( -1, 5 )

 b) A ( -2, 9 ) and B ( -2, 3)

 **4.** A particular stock opened the month at $2.50 per share, it dropped to $9.70,       increased to $3.19, and closed the month at $7.06. Determine the total change in the       value of this stock for that month.

 **5.** If *x* is a real number, then write the following without the absolute value symbol.

 

**6.** Use the graphs below to sketch the graph of 

Consider the function 

 **7.** Sketch a graph

 **8.** What are the x-intercepts and y-intercept.

 **9.** What are the domain and range of .

 **10.**  Sketch and express the function as a piecewise function. (use above graph)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Directions: |  | **See me about this** |  | **Move on to next guide** |  | **Review and redo** |