Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_

**Secondary Math II GVC Remediation Test 6**

Guaranteed Viable Curriculum Remediation

|  |  |
| --- | --- |
| WE DO | YOU DO |
| G.C.2 I can describe the relationship between central, inscribed, and circumscribed angles, and radii, and chords. |
| Use the figures below to answer #1-2.A.  **B.**  |
| 1A. What is ?  | **1B**. What is ?  |
| 2A. What is ? | **2B.** What is ? |
| G.C.2 I can describe the relationship between central, inscribed, and circumscribed angles, and radii, and chords. |
|  and  are tangent to the circle. The figure is not drawn to scale. Use the figure below to answer #3-4  |
| 3A. , what is ? | **3B.** , what is ? |
| 4A. , what is ? | **4B.** , what is ? |
| G.GPE.1 I can derive the equation of a circle given the center and radius, and complete the square to find the center and radius when given an equation. |
| 5A. What is the equation of the circle with the given center and a radius? | **5B**. What is the equation of the circle with the given center and a radius? |
| G.GPE.1 I can derive the equation of a circle given the center and radius, and complete the square to find the center and radius when given an equation. |
| 6A. Complete the square to find the center and radius of the circle.  | **6B**. Complete the square to find the center and radius of the circle.  |
| G.C.5 I can find arc lengths and areas of sectors. |
| 7A. What is the **arc length** and **area** of a sector that has the given radius and central angle? | **7B**. What is the **arc length** and **area** of a sector that has the given radius and central angle? |
| G.GMD.3 I can use volume formulas for cylinders, pyramids, cones, and spheres to solve problems. |
| 8A. What is the volume of a cone with the given diameter and height? | **8B**. What is the volume of a cone with the given diameter and height? |
| G.GPE.2 I can derive the equation of a parabola given a focus and directrix. |
| 7A. What is the equation of the parabola that has the given focus and directrix? | **7B**. What is the equation of the parabola that has the given focus and directrix? |