CCGPS Precalculus, Unit 4 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solving Trigonometric Equations

|  |  |  |  |
| --- | --- | --- | --- |
| **Verify that the given *x*-value is a solution of the equation.** | | | |
| **1.** |  | **2.** |  |
|  |  |  |  |
| **3.** |  | **4.** |  |
|  |  |  |  |
|  |  |  |  |
| **Find the general solution of the equation.** | | | |
| **5.** |  | **6.** |  |
|  |  |  |  |
| **7.** |  | **8.** |  |
|  |  |  |  |
| **9.** |  | **10.** |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Solve the equation in the interval 0 ≤ x < 2π.** | | | |
| **11.** |  | **12.** |  |
|  |  |  |  |
| **13.** |  | **14.** |  |
|  |  |  |  |
| **15.** |  | **16.** |  |