Pre-Calculus, Unit 4: Trig Identities Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SIMPLIFYING and VERIFYING Trig Identities WS Date: \_\_\_\_\_\_\_\_\_\_\_\_\_



1. What does the cofunction identity tell you about the graphs of and

|  |
| --- |
| **Find the values of the other five trigonometric functions of** *θ***.** |
| **2.** | MathTypeHolder.wmf | **3.** | MathTypeHolder.wmf | **4.** | MathTypeHolder.wmf |
|  |  |  |  |  |  |
| **Simplify the expression.** |
| **5.** |  | **6.** |  | **7.** |  |
|  |  |  |  |  |  |
| **8.** |  | **9.** |  | **10.** |  |
|  |  |  |  |  |  |

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| **11.** |  | **12.** |  | **13.** |  |
|  |  |  |  |  |  |
| **14.** |  | **15.** |  | **16.** |  |
|  |  |  |  |  |  |
| **Verify the identity.** |
| **17.** |  | **18.** |  |
|  |  |  |  |
| **19.** |  | **20.** |  |
|  |  |  |  |