

# Trigonometry

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Find the value and round your answer to four decimal places.**

## Part 1

1)  $\sec 33^\circ$

\_\_\_\_\_

2)  $\operatorname{cosec} 54^\circ$

\_\_\_\_\_

3)  $\cot 22^\circ$

\_\_\_\_\_

4)  $\operatorname{cosec} 31^\circ$

\_\_\_\_\_

5)  $\cot 65^\circ$

\_\_\_\_\_

6)  $\sec 7^\circ$

\_\_\_\_\_

## Part 2

1)  $\cot \frac{2\pi}{15}$

\_\_\_\_\_

2)  $\sec \frac{9\pi}{4}$

\_\_\_\_\_

3)  $\operatorname{cosec} \frac{3\pi}{19}$

\_\_\_\_\_

4)  $\sec \frac{2\pi}{10}$

\_\_\_\_\_

5)  $\operatorname{cosec} \frac{4\pi}{15}$

\_\_\_\_\_

6)  $\cot \frac{6\pi}{13}$

\_\_\_\_\_

# Trigonometry

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Find the value and round your answer to four decimal places.**

## Part 1

1)  $\sec 33^\circ$

1.1923

2)  $\operatorname{cosec} 54^\circ$

1.2360

3)  $\cot 22^\circ$

2.4750

4)  $\operatorname{cosec} 31^\circ$

1.9416

5)  $\cot 65^\circ$

0.4663

6)  $\sec 7^\circ$

1.0075

## Part 2

1)  $\cot \frac{2\pi}{15}$

2.2460

2)  $\sec \frac{9\pi}{4}$

1.4142

3)  $\operatorname{cosec} \frac{3\pi}{19}$

2.1010

4)  $\sec \frac{2\pi}{10}$

1.2360

5)  $\operatorname{cosec} \frac{4\pi}{15}$

1.3456

6)  $\cot \frac{6\pi}{13}$

0.1214