

# Trigonometry

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

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

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

## Part 1

1)  $\operatorname{cosec} 22^\circ$

2.6694

2)  $\cot 54^\circ$

\_\_\_\_\_

3)  $\sec 46^\circ$

\_\_\_\_\_

4)  $\cot 33^\circ$

\_\_\_\_\_

5)  $\sec 31^\circ$

\_\_\_\_\_

6)  $\operatorname{cosec} 7^\circ$

\_\_\_\_\_

## Part 2

1)  $\cot \frac{2\pi}{10}$

\_\_\_\_\_

2)  $\sec \frac{3\pi}{19}$

\_\_\_\_\_

3)  $\operatorname{cosec} \frac{2\pi}{15}$

\_\_\_\_\_

4)  $\sec \frac{4\pi}{15}$

\_\_\_\_\_

5)  $\cot \frac{9\pi}{4}$

\_\_\_\_\_

6)  $\operatorname{cosec} \frac{6\pi}{13}$

\_\_\_\_\_

# Trigonometry

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

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

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

## Part 1

1)  $\operatorname{cosec} 22^\circ$

2.6694

2)  $\cot 54^\circ$

0.7265

3)  $\sec 46^\circ$

1.4395

4)  $\cot 33^\circ$

1.5398

5)  $\sec 31^\circ$

1.1666

6)  $\operatorname{cosec} 7^\circ$

8.2055

## Part 2

1)  $\cot \frac{2\pi}{10}$

1.3763

2)  $\sec \frac{3\pi}{19}$

1.1370

3)  $\operatorname{cosec} \frac{2\pi}{15}$

2.4585

4)  $\sec \frac{4\pi}{15}$

1.4944

5)  $\cot \frac{9\pi}{4}$

1

6)  $\operatorname{cosec} \frac{6\pi}{13}$

1.0073