

# Trigonometry

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

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

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

## Part 1

1)  $\cos 46^\circ$

\_\_\_\_\_

2)  $\cos 84^\circ$

\_\_\_\_\_

3)  $\cos 59^\circ$

\_\_\_\_\_

4)  $\cos 41^\circ$

\_\_\_\_\_

5)  $\cos 72^\circ$

\_\_\_\_\_

6)  $\cos 17^\circ$

\_\_\_\_\_

## Part 2

1)  $\cos \frac{6\pi}{17}$

\_\_\_\_\_

2)  $\cos \frac{3\pi}{13}$

\_\_\_\_\_

3)  $\cos \frac{7\pi}{18}$

\_\_\_\_\_

4)  $\cos \frac{5\pi}{12}$

\_\_\_\_\_

5)  $\cos \frac{4\pi}{19}$

\_\_\_\_\_

6)  $\cos \frac{3\pi}{21}$

\_\_\_\_\_

# Trigonometry

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

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

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

## Part 1

1)  $\cos 46^\circ$

0.6946

2)  $\cos 84^\circ$

0.1045

3)  $\cos 59^\circ$

0.5150

4)  $\cos 41^\circ$

0.7547

5)  $\cos 72^\circ$

0.3090

6)  $\cos 17^\circ$

0.9563

## Part 2

1)  $\cos \frac{6\pi}{17}$

0.4457

2)  $\cos \frac{3\pi}{13}$

0.7485

3)  $\cos \frac{7\pi}{18}$

0.3420

4)  $\cos \frac{5\pi}{12}$

0.2588

5)  $\cos \frac{4\pi}{19}$

0.7891

6)  $\cos \frac{3\pi}{21}$

0.9009