



# Trigonometric Ratios

Name \_\_\_\_\_

Score \_\_\_\_\_

QR:II:10

Use the calculator to find the value of each. Round the answer to two decimal places.

1)  $\sin 17^\circ =$  \_\_\_\_\_

2)  $\cos 85^\circ =$  \_\_\_\_\_

3)  $\tan 4^\circ =$  \_\_\_\_\_

4)  $\tan 79^\circ =$  \_\_\_\_\_

5)  $\cos 26^\circ =$  \_\_\_\_\_

6)  $\sin 60^\circ =$  \_\_\_\_\_

7)  $\sin 35^\circ =$  \_\_\_\_\_

8)  $\cos 52^\circ =$  \_\_\_\_\_

Use the calculator to find the value of each. Round the answer to two decimal places.

1)  $\cos \frac{8\pi}{19} =$  \_\_\_\_\_

2)  $\tan \frac{13\pi}{27} =$  \_\_\_\_\_

3)  $\sin \frac{\pi}{7} =$  \_\_\_\_\_

4)  $\cos \frac{\pi}{3} =$  \_\_\_\_\_

5)  $\tan \frac{5\pi}{21} =$  \_\_\_\_\_

6)  $\sin \frac{17\pi}{41} =$  \_\_\_\_\_



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Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

QR:II:10

Use the calculator to find the value of each. Round the answer to two decimal places.

1)  $\sin 17^\circ =$  0.29

2)  $\cos 85^\circ =$  0.09

3)  $\tan 4^\circ =$  0.07

4)  $\tan 79^\circ =$  5.14

5)  $\cos 26^\circ =$  0.9

6)  $\sin 60^\circ =$  0.87

7)  $\sin 35^\circ =$  0.57

8)  $\cos 52^\circ =$  0.62

Use the calculator to find the value of each. Round the answer to two decimal places.

1)  $\cos \frac{8\pi}{19} =$  0.25

2)  $\tan \frac{13\pi}{27} =$  17.17

3)  $\sin \frac{\pi}{7} =$  0.43

4)  $\cos \frac{\pi}{3} =$  0.5

5)  $\tan \frac{5\pi}{21} =$  0.93

6)  $\sin \frac{17\pi}{41} =$  0.96