

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

Using Calculator: S2

## Trigonometric Ratios

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

### Part A

1)  $\cot 86^\circ$

2)  $\sin 21^\circ$

3)  $\cos 57^\circ$

4)  $\tan 44^\circ$

$\sec 13^\circ$

7)  $\sin \frac{\pi}{11}$

$\operatorname{cosec} \frac{4\pi}{9}$

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

11)  $\sec \frac{\pi}{5}$

12)  $\tan \frac{3\pi}{8}$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

## Answer key

Using Calculator: S2

# Trigonometric Ratios

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

### Part A

1)  $\cot 86^\circ$

2)  $\sin 21^\circ$

3)  $\cos 57^\circ$

0.0699

0.5446

4)  $\tan 44^\circ$

$\sec 13^\circ$

0.9657

1.0263

7)  $\sin \frac{\pi}{11}$

$\operatorname{cosec} \frac{4\pi}{9}$

0.2817

1.0154

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

11)  $\sec \frac{\pi}{5}$

12)  $\tan \frac{3\pi}{8}$

0.2588

1.2361

2.4142

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