

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

Using Calculator: S3

## Trigonometric Ratios

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

### Part A

1)  $\sec 10^\circ$

2)  $\cot 23^\circ$

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

4)  $\operatorname{cosec} 73^\circ$

$\cot 38^\circ$

7)  $\cot \frac{\pi}{5}$

$\sec \frac{4\pi}{33}$

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

11)  $\cot \frac{6\pi}{25}$

12)  $\operatorname{cosec} \frac{8\pi}{17}$

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

## Answer key

Using Calculator: S3

# Trigonometric Ratios

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

### Part A

1)  $\sec 10^\circ$

2)  $\cot 23^\circ$

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

1.0154

1.2361

4)  $\operatorname{cosec} 73^\circ$

$\cot 38^\circ$

1.0457

1.2799

7)  $\cot \frac{\pi}{5}$

$\sec \frac{4\pi}{33}$

1.3764

1.0772

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

11)  $\cot \frac{6\pi}{25}$

12)  $\operatorname{cosec} \frac{8\pi}{17}$

7.0267

1.0649

1.0043

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