

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

## Trigonometric Ratios

Using Calculator: S1

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

### Part A

1)  $\cos 42^\circ$

2)  $\cot 63^\circ$

3)  $\sin 39^\circ$

4)  $\sec 75^\circ$

$\operatorname{cosec} 84^\circ$

7)  $\cot \frac{4\pi}{21}$

$\sec \frac{3\pi}{10}$

10)  $\tan \frac{2\pi}{5}$

11)  $\operatorname{cosec} \frac{\pi}{7}$

12)  $\cos \frac{\pi}{8}$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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## Answer key

Using Calculator: S1

# Trigonometric Ratios

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

### Part A

1)  $\cos 42^\circ$

2)  $\cot 63^\circ$

3)  $\sin 39^\circ$

**0.7431**

**0.6293**

4)  $\sec 75^\circ$

$\operatorname{cosec} 84^\circ$

**3.8637**

**1.0055**

7)  $\cot \frac{4\pi}{21}$

$\sec \frac{3\pi}{10}$

**1.4667**

**1.7013**

10)  $\tan \frac{2\pi}{5}$

11)  $\operatorname{cosec} \frac{\pi}{7}$

12)  $\cos \frac{\pi}{8}$

**3.0777**

**2.3048**

**0.9239**

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