

Name : _____

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) $\sin 39^\circ$

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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Name : _____

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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