

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) $\tan 62^\circ$

2) $\cos 37^\circ$

3) $\sec 43^\circ$

4) $\operatorname{cosec} 25^\circ$

$\cot 9^\circ$

7) $\cos \frac{3\pi}{7}$

$\tan \frac{\pi}{15}$

10) $\cot \frac{2\pi}{7}$

11) $\sin \frac{7\pi}{45}$

12) $\operatorname{cosec} \frac{\pi}{26}$

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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) $\tan 62^\circ$

2) $\cos 37^\circ$

3) $\sec 43^\circ$

1.8807

1.3673

4) $\operatorname{cosec} 25^\circ$

$\cot 9^\circ$

2.3662

6.3138

7) $\cos \frac{3\pi}{7}$

$\tan \frac{\pi}{15}$

0.2225

0.2126

10) $\cot \frac{2\pi}{7}$

11) $\sin \frac{7\pi}{45}$

12) $\operatorname{cosec} \frac{\pi}{26}$

0.7975

0.4695

8.2962

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