

Name : _____

Trigonometric Ratios

Using Charts: S1

Use a chart to find the value of each.

Part A

1) $\cos 60^\circ$

2) $\tan 30^\circ$

3) $\sec 45^\circ$

4) $\cot 90^\circ$

5) $\csc 60^\circ$

6) $\sin 0^\circ$

Part B

7) $\sin \frac{\pi}{4}$

8) $\cos 0$

9) $\cot \frac{\pi}{3}$

10) $\csc \frac{\pi}{6}$

11) $\tan \frac{\pi}{4}$

12) $\sec \frac{\pi}{2}$

Name : _____

Answer key

Trigonometric Ratios

Using Charts: S1

Use a chart to find the value of each.

Part A

1) $\cos 60^\circ$

$\frac{1}{2}$

2) $\tan 30^\circ$

$\frac{\sqrt{3}}{3}$

3) $\sec 45^\circ$

$\sqrt{2}$

4) $\cot 90^\circ$

0

5) $\csc 60^\circ$

$\frac{2\sqrt{3}}{3}$

6) $\sin 0^\circ$

0

Part B

7) $\sin \frac{\pi}{4}$

$\frac{\sqrt{2}}{2}$

8) $\cos 0$

1

9) $\cot \frac{\pi}{3}$

$\frac{\sqrt{3}}{3}$

10) $\csc \frac{\pi}{6}$

2

11) $\tan \frac{\pi}{4}$

1

12) $\sec \frac{\pi}{2}$

Not defined