

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

## Trigonometric Ratios

Use a chart to find the value of each.

### Part A

1)  $\sin 90^\circ$

2)  $\cos 45^\circ$

3)  $\csc 0^\circ$

4)  $\tan 45^\circ$

5)  $\cot 30^\circ$

7)  $\sec \frac{\pi}{6}$

6)  $\cos \frac{\pi}{6}$

10)  $\cot \frac{\pi}{4}$

11)  $\sin \frac{\pi}{3}$

12)  $\tan 0$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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## Answer key

Using Charts: S2

# Trigonometric Ratios

Use a chart to find the value of each.

### Part A

1)  $\sin 90^\circ$

2)  $\cos 45^\circ$

3)  $\csc 0^\circ$

1

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

Not defined

4)  $\tan 45^\circ$

$\cot 30^\circ$

1

$\sqrt{3}$

7)  $\sec \frac{\pi}{6}$

$\cos \frac{\pi}{6}$

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

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

10)  $\cot \frac{\pi}{4}$

11)  $\sin \frac{\pi}{3}$

12)  $\tan 0$

1

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

0

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