

Inverse Trigonometric Ratios

A) Find the value of θ in degrees.

1) $\cos \theta = 1$

2) $\sin \theta = 1$

3) $\csc \theta = \sqrt{2}$

4) $\sec \theta = 2$

$\tan \theta = \frac{\sqrt{3}}{3}$

PREVIEW

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B) Find the e

7) $\sin \theta = 0$

$\cos \theta = \frac{1}{2}$

10) $\cot \theta = \frac{\sqrt{3}}{3}$

11) $\tan \theta = 1$

12) $\sec \theta = \frac{2\sqrt{3}}{3}$

Inverse Trigonometric Ratios

A) Find the value of θ in degrees.

1) $\cos \theta = 1$

2) $\sin \theta = 1$

3) $\csc \theta = \sqrt{2}$

 0°
 90°
 45°

4) $\sec \theta = 2$

PREVIEW

$\tan \theta = \frac{\sqrt{3}}{3}$

 60°

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 30°

B) Find the e

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7) $\sin \theta = 0$

$\cos \theta = \frac{1}{2}$

 0
 $\frac{\pi}{3}$

10) $\cot \theta = \frac{\sqrt{3}}{3}$

11) $\tan \theta = 1$

12) $\sec \theta = \frac{2\sqrt{3}}{3}$

 $\frac{\pi}{3}$
 $\frac{\pi}{4}$
 $\frac{\pi}{6}$