

Inverse Trigonometric Ratios

A) Find the value of θ in degrees.

1) $\csc \theta = 2$

2) $\cos \theta = \frac{\sqrt{2}}{2}$

3) $\sin \theta = \frac{\sqrt{3}}{2}$

4) $\tan \theta = 1$

$\cot \theta = 0$

B) Find the e

7) $\tan \theta = 0$

$\sin \theta = 1$

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

11) $\sec \theta = \sqrt{2}$

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

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Inverse Trigonometric RatiosA) Find the value of θ in degrees.

1) $\csc \theta = 2$

2) $\cos \theta = \frac{\sqrt{2}}{2}$

3) $\sin \theta = \frac{\sqrt{3}}{2}$

30°45°60°

4) $\tan \theta = 1$

PREVIEW

$\cot \theta = 0$

45°

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90°B) Find the exact value of θ .

7) $\tan \theta = 0$

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$\sin \theta = 1$

0www.mathworksheets4kids.com $\frac{\pi}{2}$

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

11) $\sec \theta = \sqrt{2}$

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

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