Inverse Trigonometric Functions · 1

Find the exact value of $\tan^{-1}\left(\frac{\sqrt{3}}{3}\right)$ in degrees.

Inverse Trigonometric Functions · 2

Find the exact value of $\cos^{-1}(0)$ in degrees.

Inverse Trigonometric Functions · 3

Find the exact value of $\tan^{-1}(1)$ in degrees.

Inverse Trigonometric Functions · 4

Find the exact value of $\tan^{-1}(0)$ in degrees.

Inverse Trigonometric Functions · 5

Find the exact value of $\sin^{-1}\left(\frac{1}{2}\right)$ in degrees.

Inverse Trigonometric Functions · 6

Find the exact value of $\sin^{-1}(1)$ in degrees.

Inverse Trigonometric Functions · 7

Find the exact value of $\sin^{-1}(0)$ in degrees.

Inverse Trigonometric Functions · 8

Find the exact value of $\cos^{-1}(1)$ in degrees.

Inverse Trigonometric Functions · 2

ANSWER

90°

Inverse Trigonometric Functions · 1

ANSWER

30°

Inverse Trigonometric Functions · 4

ANSWER

0°

Inverse Trigonometric Functions · 3

ANSWER

45°

Inverse Trigonometric Functions · 6

ANSWER

90°

Inverse Trigonometric Functions · 5

ANSWER

30°

Inverse Trigonometric Functions · 8

ANSWER

0°

Inverse Trigonometric Functions · 7

ANSWER

0°

Inverse Trigonometric Functions · 9

Find the exact value of $\tan^{-1}(\sqrt{3})$ in degrees.

Inverse Trigonometric Functions · 10

Find the exact value of $\sin^{-1}\left(\frac{\sqrt{2}}{2}\right)$ in degrees.

Inverse Trigonometric Functions · 11

Find the exact value of $\cos^{-1}\left(\frac{\sqrt{3}}{2}\right)$ in degrees.

Inverse Trigonometric Functions · 12

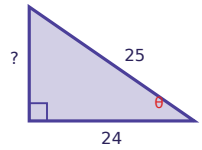
Find the exact value of $\cos^{-1}\left(\frac{1}{2}\right)$ in degrees.

Inverse Trigonometric Functions · 13

Find the exact value of $\tan^{-1}\left(-\frac{\sqrt{3}}{3}\right)$ in degrees.

Inverse Trigonometric Functions · 14

Find the exact value of $\sin\left(\cos^{-1}\left(\frac{24}{25}\right)\right)$.

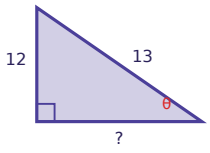


Inverse Trigonometric Functions · 15

Find the exact value of $\sin^{-1}\left(-\frac{1}{2}\right)$ in degrees.

Inverse Trigonometric Functions · 16

Find the exact value of $\tan\left(\sin^{-1}\left(\frac{12}{13}\right)\right)$.



Inverse Trigonometric Functions · 10

ANSWER

$45°$

Inverse Trigonometric Functions · 9

ANSWER

$60°$

Inverse Trigonometric Functions · 12

ANSWER

$60°$

Inverse Trigonometric Functions · 11

ANSWER

$30°$

Inverse Trigonometric Functions · 14

ANSWER

$$\frac{7}{25}$$

Inverse Trigonometric Functions · 13

ANSWER

$-30°$

Inverse Trigonometric Functions · 16

ANSWER

$$\frac{12}{5}$$

Inverse Trigonometric Functions · 15

ANSWER

$-30°$

Inverse Trigonometric Functions · 17

Find the exact value of $\cos^{-1}(-\frac{1}{2})$ in degrees.

Inverse Trigonometric Functions · 18

Find the exact value of $\sin^{-1}(\frac{\sqrt{3}}{2})$ in degrees.

Inverse Trigonometric Functions · 19

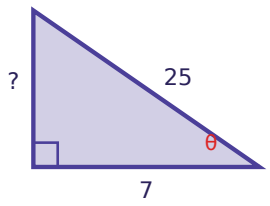
Find the exact value of $\cos^{-1}(-\frac{\sqrt{3}}{2})$ in degrees.

Inverse Trigonometric Functions · 20

Find the exact value of $\sin^{-1}(-1)$ in degrees.

Inverse Trigonometric Functions · 21

Find the exact value of $\sin(\cos^{-1}(\frac{7}{25}))$.

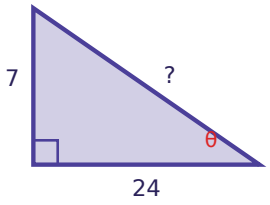


Inverse Trigonometric Functions · 22

Find the exact value of $\tan^{-1}(-1)$ in degrees.

Inverse Trigonometric Functions · 23

Find the exact value of $\cos(\tan^{-1}(\frac{7}{24}))$.



Inverse Trigonometric Functions · 24

Find the exact value of $\cos^{-1}(-\frac{\sqrt{2}}{2})$ in degrees.

Inverse Trigonometric Functions · 18

ANSWER

$60°$

Inverse Trigonometric Functions · 17

ANSWER

$120°$

Inverse Trigonometric Functions · 20

ANSWER

$-90°$

Inverse Trigonometric Functions · 19

ANSWER

$150°$

Inverse Trigonometric Functions · 22

ANSWER

$-45°$

Inverse Trigonometric Functions · 21

ANSWER

$$\frac{24}{25}$$

Inverse Trigonometric Functions · 24

ANSWER

$135°$

Inverse Trigonometric Functions · 23

ANSWER

$$\frac{24}{25}$$