Inverse Trigonometric Functions · 1

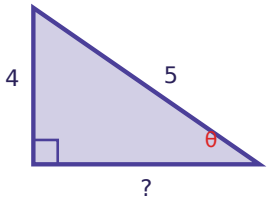
Find the exact value of $\sin^{-1}(-\frac{1}{2})$ in degrees.

Inverse Trigonometric Functions · 2

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

Inverse Trigonometric Functions · 3

Find the exact value of $\tan(\sin^{-1}(\frac{4}{5}))$.



Inverse Trigonometric Functions · 4

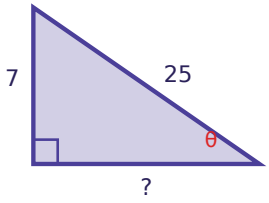
Find the exact value of $\tan^{-1}(\frac{\sqrt{3}}{3})$ in degrees.

Inverse Trigonometric Functions · 5

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

Inverse Trigonometric Functions · 6

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



Inverse Trigonometric Functions · 7

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

Inverse Trigonometric Functions · 8

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

Inverse Trigonometric Functions · 2

ANSWER

$-60°$

Inverse Trigonometric Functions · 1

ANSWER

$-30°$

Inverse Trigonometric Functions · 4

ANSWER

$30°$

Inverse Trigonometric Functions · 3

ANSWER

$\frac{4}{3}$

Inverse Trigonometric Functions · 6

ANSWER

$\frac{24}{25}$

Inverse Trigonometric Functions · 5

ANSWER

$150°$

Inverse Trigonometric Functions · 8

ANSWER

$60°$

Inverse Trigonometric Functions · 7

ANSWER

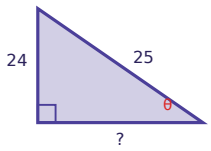
$135°$

Inverse Trigonometric Functions · 9

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

Inverse Trigonometric Functions · 10

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



Inverse Trigonometric Functions · 11

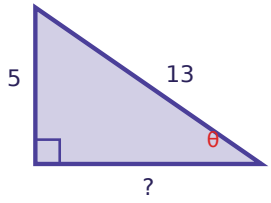
Find the exact value of $\sin^{-1}(0)$ in degrees.

Inverse Trigonometric Functions · 12

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

Inverse Trigonometric Functions · 13

Find the exact value of $\tan(\sin^{-1}(\frac{5}{13}))$.



Inverse Trigonometric Functions · 14

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

Inverse Trigonometric Functions · 15

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

Inverse Trigonometric Functions · 16

Find the exact value of $\sin^{-1}(\sin(135°))$ in degrees.

Inverse Trigonometric Functions · 10

ANSWER

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

Inverse Trigonometric Functions · 9

ANSWER

60°

Inverse Trigonometric Functions · 12

ANSWER

90°

Inverse Trigonometric Functions · 11

ANSWER

0°

Inverse Trigonometric Functions · 14

ANSWER

0°

Inverse Trigonometric Functions · 13

ANSWER

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

Inverse Trigonometric Functions · 16

ANSWER

45°

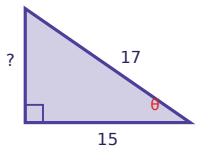
Inverse Trigonometric Functions · 15

ANSWER

-30°

Inverse Trigonometric Functions · 17

Find the exact value of $\sin(\cos^{-1}(\frac{15}{17}))$.



Inverse Trigonometric Functions · 18

Find the exact value of $\sin^{-1}(\sin(270°))$ in degrees.

Inverse Trigonometric Functions · 19

Find the exact value of $\cos(\tan^{-1}(-\frac{8}{15}))$.

Inverse Trigonometric Functions · 20

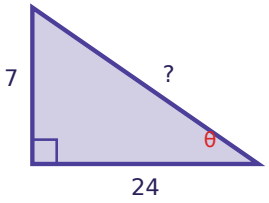
Find the exact value of $\tan^{-1}(\tan(225°))$ in degrees.

Inverse Trigonometric Functions · 21

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

Inverse Trigonometric Functions · 22

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

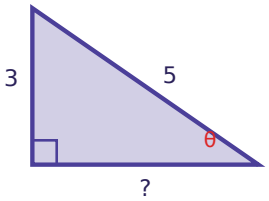


Inverse Trigonometric Functions · 23

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

Inverse Trigonometric Functions · 24

Find the exact value of $\cos(\sin^{-1}(\frac{3}{5}))$.



Inverse Trigonometric Functions · 18

ANSWER

$-90°$

Inverse Trigonometric Functions · 17

ANSWER

$\frac{8}{17}$

Inverse Trigonometric Functions · 20

ANSWER

$45°$

Inverse Trigonometric Functions · 19

ANSWER

$\frac{15}{17}$

Inverse Trigonometric Functions · 22

ANSWER

$\frac{24}{25}$

Inverse Trigonometric Functions · 21

ANSWER

$45°$

Inverse Trigonometric Functions · 24

ANSWER

$\frac{4}{5}$

Inverse Trigonometric Functions · 23

ANSWER

$90°$