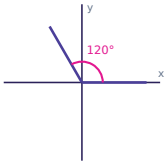
Coterminal & Reference Angles (Degrees & Radians) · 1

Find the angle between 0 and 2π that is coterminal with -11π/4. Write it as ___π.

Coterminal & Reference Angles (Degrees & Radians) · 2

Find the reference angle of 120°.



Coterminal & Reference Angles (Degrees & Radians) · 3

In which quadrant does the terminal side of π/6 lie?

Coterminal & Reference Angles (Degrees & Radians) · 4

Find the reference angle of 5π/4. Write it as ___π.

Coterminal & Reference Angles (Degrees & Radians) · 5

Find the angle between -360° and 0° that is coterminal with 170°.

Coterminal & Reference Angles (Degrees & Radians) · 6

Find the angle between 0° and 360° that is coterminal with 1065°.

Coterminal & Reference Angles (Degrees & Radians) · 7

Find the reference angle of 4π/3. Write it as ___π.

Coterminal & Reference Angles (Degrees & Radians) · 8

In which quadrant does the terminal side of -545° lie?

Coterminal & Reference Angles (Degrees & Radians) · 2

ANSWER

$60°$

Coterminal & Reference Angles (Degrees & Radians) · 1

ANSWER

$\frac{5}{4}$

Coterminal & Reference Angles (Degrees & Radians) · 4

ANSWER

$\frac{1}{4}$

Coterminal & Reference Angles (Degrees & Radians) · 3

ANSWER

I

Coterminal & Reference Angles (Degrees & Radians) · 6

ANSWER

$345°$

Coterminal & Reference Angles (Degrees & Radians) · 5

ANSWER

$-190°$

Coterminal & Reference Angles (Degrees & Radians) · 8

ANSWER

II

Coterminal & Reference Angles (Degrees & Radians) · 7

ANSWER

$\frac{1}{3}$

Find the angle between 0 and 2π that is coterminal with 7π/3. Write it as ___π.

Find the reference angle of -15°.

In which quadrant does the terminal side of 4π/3 lie?

Find the reference angle of 3π/4. Write it as ___π.

Find the angle between -360° and 0° that is coterminal with 185°.

Find the angle between 0° and 360° that is coterminal with 435°.

Find the reference angle of 7π/6. Write it as ___π.

In which quadrant does the terminal side of -10° lie?

Coterminal & Reference Angles (Degrees & Radians) · 10

ANSWER

$15°$

Coterminal & Reference Angles (Degrees & Radians) · 9

ANSWER

$\frac{1}{3}$

Coterminal & Reference Angles (Degrees & Radians) · 12

ANSWER

$\frac{1}{4}$

Coterminal & Reference Angles (Degrees & Radians) · 11

ANSWER

III

Coterminal & Reference Angles (Degrees & Radians) · 14

ANSWER

$75°$

Coterminal & Reference Angles (Degrees & Radians) · 13

ANSWER

$-175°$

Coterminal & Reference Angles (Degrees & Radians) · 16

ANSWER

IV

Coterminal & Reference Angles (Degrees & Radians) · 15

ANSWER

$\frac{1}{6}$

Coterminal & Reference Angles (Degrees & Radians) · 17

Find the angle between 0 and 2π that is coterminal with 29π/4. Write it as ___π.

Coterminal & Reference Angles (Degrees & Radians) · 18

Find the reference angle of -23π/4. Write it as ___π.

Coterminal & Reference Angles (Degrees & Radians) · 19

Find the reference angle of 781°.

Coterminal & Reference Angles (Degrees & Radians) · 20

In which quadrant does the terminal side of 43π/6 lie?

Coterminal & Reference Angles (Degrees & Radians) · 21

Find the angle between -2π and 0 that is coterminal with 5π/6. Write it as ___π.

Coterminal & Reference Angles (Degrees & Radians) · 22

Find the angle between 0° and 360° that is coterminal with -942°.

Coterminal & Reference Angles (Degrees & Radians) · 23

Find the reference angle of 20π/3. Write it as ___π.

Coterminal & Reference Angles (Degrees & Radians) · 24

In which quadrant does the terminal side of 1394° lie?

Coterminal & Reference Angles (Degrees & Radians) · 18

ANSWER

$\frac{1}{4}$

Coterminal & Reference Angles (Degrees & Radians) · 17

ANSWER

$\frac{5}{4}$

Coterminal & Reference Angles (Degrees & Radians) · 20

ANSWER

III

Coterminal & Reference Angles (Degrees & Radians) · 19

ANSWER

61°

Coterminal & Reference Angles (Degrees & Radians) · 22

ANSWER

138°

Coterminal & Reference Angles (Degrees & Radians) · 21

ANSWER

$\frac{7}{-6}$

Coterminal & Reference Angles (Degrees & Radians) · 24

ANSWER

IV

Coterminal & Reference Angles (Degrees & Radians) · 23

ANSWER

$\frac{1}{3}$