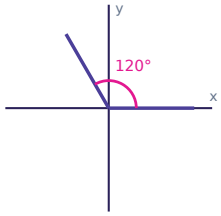
Task card 1 Coterminal & Reference Angles (Deg...

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

Task card 2 Coterminal & Reference Angles (Deg...

Find the reference angle of 120°.



Task card 3 Coterminal & Reference Angles (Deg...

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

Task card 4 Coterminal & Reference Angles (Deg...

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

Task card 5 Coterminal & Reference Angles (Deg...

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

Task card 6 Coterminal & Reference Angles (Deg...

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

Task card 7 Coterminal & Reference Angles (Deg...

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

Task card 8 Coterminal & Reference Angles (Deg...

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

Task card 9 Coterminal & Reference Angles (Deg...

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

Task card 10 Coterminal & Reference Angles (Deg...

Find the reference angle of -15°.

Task card 11 Coterminal & Reference Angles (Deg...

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

Task card 12 Coterminal & Reference Angles (Deg...

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

Task card 13 Coterminal & Reference Angles (Deg...

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

Task card 14 Coterminal & Reference Angles (Deg...

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

Task card 15 Coterminal & Reference Angles (Deg...

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

Task card 16 Coterminal & Reference Angles (Deg...

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

Task card 17 Coterminal & Reference Angles (Deg...

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

Task card 18 Coterminal & Reference Angles (Deg...

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

Task card 19 Coterminal & Reference Angles (Deg...

Find the reference angle of 781°.

Task card 20 Coterminal & Reference Angles (Deg...

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

Task card 21 Coterminal & Reference Angles (Deg...

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

Task card 22 Coterminal & Reference Angles (Deg...

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

Task card 23 Coterminal & Reference Angles (Deg...

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

Task card 24 Coterminal & Reference Angles (Deg...

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

Coterminal & Reference Angles (Degrees & Radians) Task Cards

Recording sheet · Grade 11 · Answer each question. Write quadrants as I, II, III or IV. When asked for a multiple of π, type only the number in front of π (for example 5/6).

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Coterminal & Reference Angles (Degrees & Radians) Task Cards: Answer Key

Grade 11 · Medium

The answers online

1. $\frac{5}{4}$	**2.** 60°	**3.** I
4. $\frac{1}{4}$	**5.** -190°	**6.** 345°
7. $\frac{1}{3}$	**8.** II	**9.** $\frac{1}{3}$
10. 15°	**11.** III	**12.** $\frac{1}{4}$
13. -175°	**14.** 75°	**15.** $\frac{1}{6}$
16. IV	**17.** $\frac{5}{4}$	**18.** $\frac{1}{4}$
19. 61°	**20.** III	**21.** $-\frac{7}{6}$
22. 138°	**23.** $\frac{1}{3}$	**24.** IV