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

Find the angle between 0 and 2π that is coterminal with -11π/9. Write it as ___π.

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

Find the reference angle of -5π/12. Write it as ___π.

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

Find the reference angle of -892°.

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

In which quadrant does the terminal side of -14π/5 lie?

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

Find the angle between -2π and 0 that is coterminal with π/12. Write it as ___π.

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

Find the angle between 0° and 360° that is coterminal with 806°.

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

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

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

In which quadrant does the terminal side of 870° lie?

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

Find the angle between 0 and 2π that is coterminal with 25π/6. Write it as ___π.

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

Find the reference angle of -43π/12. Write it as ___π.

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

Find the reference angle of 1429°.

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

In which quadrant does the terminal side of -29π/9 lie?

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

Find the angle between -2π and 0 that is coterminal with 4π/9. Write it as ___π.

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

Find the angle between 0° and 360° that is coterminal with -288°.

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

Find the reference angle of -37π/12. Write it as ___π.

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

In which quadrant does the terminal side of -1017° lie?

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

Find the angle between 0 and 2π that is coterminal with -11π/6. Write it as ___π.

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

Find the reference angle of 50π/9. Write it as ___π.

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

Find the reference angle of 1043°.

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

In which quadrant does the terminal side of 41π/9 lie?

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

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

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

Find the angle between 0° and 360° that is coterminal with 1243°.

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

Find the reference angle of -14π/5. Write it as ___π.

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

In which quadrant does the terminal side of -80° 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 · Hard

The answers online

1. $\frac{7}{9}$	**2.** $\frac{5}{12}$	**3.** 8°
4. III	**5.** $-\frac{23}{12}$	**6.** 86°
7. $\frac{1}{3}$	**8.** II	**9.** $\frac{1}{6}$
10. $\frac{5}{12}$	**11.** 11°	**12.** II
13. $-\frac{14}{9}$	**14.** 72°	**15.** $\frac{1}{12}$
16. I	**17.** $\frac{1}{6}$	**18.** $\frac{4}{9}$
19. 37°	**20.** II	**21.** $-\frac{11}{6}$
22. 163°	**23.** $\frac{1}{5}$	**24.** IV