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

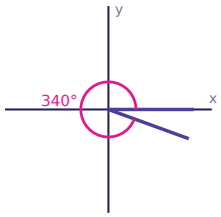
Find the angle between 0° and 360° that is coterminal with 430°.

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

In which quadrant does the terminal side of 30° lie?

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

Find the reference angle of 340°.



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

Find the angle between 0° and 360° that is coterminal with 560°.

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

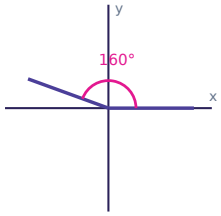
Find the angle between 0° and 360° that is coterminal with 550°.

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

In which quadrant does the terminal side of 280° lie?

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

Find the reference angle of 160°.



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

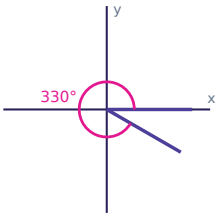
Find the angle between 0° and 360° that is coterminal with 590°.

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

Find the angle between 0° and 360° that is coterminal with -130°.

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

Find the reference angle of 330°.



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

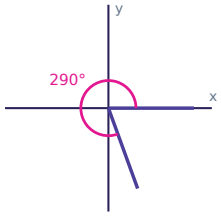
In which quadrant does the terminal side of 250° lie?

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

Find the angle between -360° and 0° that is coterminal with 120°.

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

Find the reference angle of 290°.



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

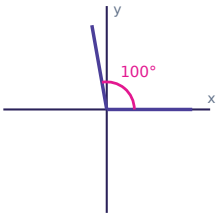
Find the angle between 0° and 360° that is coterminal with 770°.

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

Find the angle between 0° and 360° that is coterminal with -290°.

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

Find the reference angle of 100°.

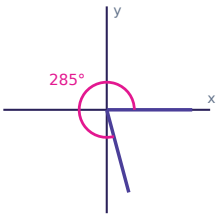


Task card 17 Coterminal & Reference Angles (Deg...

Find the angle between 0° and 360° that is coterminal with 520°.

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

Find the reference angle of 285°.



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

In which quadrant does the terminal side of 460° lie?

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

Find the angle between -360° and 0° that is coterminal with 335°.

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

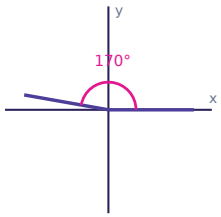
Find the angle between 0° and 360° that is coterminal with 405°.

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

Find the angle between 0° and 360° that is coterminal with -280°.

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

Find the reference angle of 170°.



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

Find the angle between 0° and 360° that is coterminal with 620°.

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 · Easy

The answers online

1. 70°	**2.** I	**3.** 20°
4. 200°	**5.** 190°	**6.** IV
7. 20°	**8.** 230°	**9.** 230°
10. 30°	**11.** III	**12.** -240°
13. 70°	**14.** 50°	**15.** 70°
16. 80°	**17.** 160°	**18.** 75°
19. II	**20.** -25°	**21.** 45°
22. 80°	**23.** 10°	**24.** 260°