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

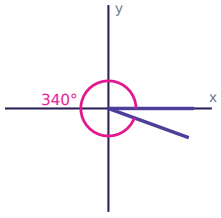
Find the angle between 0° and 360° that is coterminal with 430°.

**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...

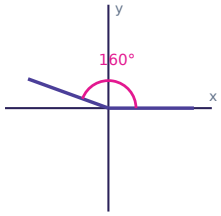
Find the angle between 0° and 360° that is coterminal with 550°.

**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...

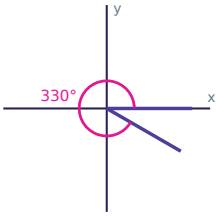
Find the angle between 0° and 360° that is coterminal with 590°.

**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...

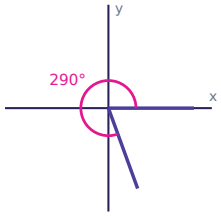
In which quadrant does the terminal side of 250° lie?

**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...

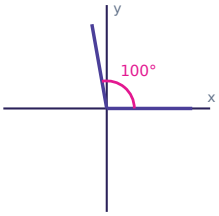
Find the angle between 0° and 360° that is coterminal with 770°.

**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°.

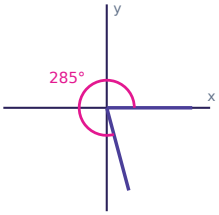



**Task card 17** Coterminal & Reference Angles (Deg...

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...

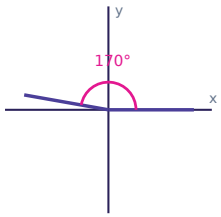
Find the angle between 0° and 360° that is coterminal with 405°.

**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° |