ANGLES AND TRIGONOMETRIC RATIOS (0 TO 360 DEGREES) - PRACTICE TEST | NEW BRUNSWICK PRE-CALCULUS 110 · UNIT C · 25 QUESTIONS

Angles and Trigonometric Ratios (0 to 360 degrees) — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The angle 370 degrees is coterminal with an angle between 0 and 360 degrees equal to, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The reference angle for 150 degrees is, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The cosine of 0 degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The cosine of 60 degrees, rounded to one decimal place, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Cosine is positive in quadrants**

A 1 and 2

B 1 and 4

C 2 and 3

D 3 and 4

Understand It with Pulse | Flag a mistake

6

Sine is positive in quadrants

A 1 and 2

B 3 and 4

C 1 and 4

D 2 and 3

Understand It with Pulse | Flag a mistake

7

Tangent is positive in quadrants

A 1 and 2

B 1 and 4

C 1 and 3

D 2 and 4

Understand It with Pulse | Flag a mistake

8 **The angle 720 degrees is coterminal with an angle between 0 and 360 degrees equal to, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The reference angle for 210 degrees is, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The cosine of 90 degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **The cosine of 120 degrees, rounded to one decimal place, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **The angle 390 degrees is coterminal with an angle between 0 and 360 degrees equal to, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **The reference angle for 330 degrees is, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **The cosine of 180 degrees is**

A 1

B -1

C 0

D 0.5

Understand It with Pulse | Flag a mistake

15 **The cosine of 240 degrees, rounded to one decimal place, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **The angle 630 degrees is coterminal with an angle between 0 and 360 degrees equal to, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **The reference angle for 120 degrees is, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **The cosine of 270 degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **The cosine of 300 degrees, rounded to one decimal place, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **The angle 450 degrees is coterminal with an angle between 0 and 360 degrees equal to, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **The reference angle for 240 degrees is, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **The angle 540 degrees is coterminal with an angle between 0 and 360 degrees equal to, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **The reference angle for 300 degrees is, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **The angle 660 degrees is coterminal with an angle between 0 and 360 degrees equal to, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **The reference angle for 160 degrees is, in degrees**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	10	**10.**	0	**19.**	0.5
2.	30	**11.**	-0.5	**20.**	90
3.	1	**12.**	30	**21.**	60
4.	0.5	**13.**	30	**22.**	180
5.	B	**14.**	B	**23.**	60
6.	A	**15.**	-0.5	**24.**	300
7.	C	**16.**	270	**25.**	20
8.	0	**17.**	60		
9.	30	**18.**	0		

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