MANITOBA INTRODUCTION TO APPLIED AND PRE-CALCULUS MATHEMATICS 20S · UNIT B · 10 QUESTIONS

Trigonometry — 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 value of sin 30 degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The right triangle has legs 5 and 12 as labelled. Its hypotenuse is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The slope of a horizontal line is**

A one

B undefined

C zero

D negative

Understand It with Pulse | Flag a mistake

4 **The slope of a vertical line is**

A zero

B one

C negative

D undefined

Understand It with Pulse | Flag a mistake

5 **The sum of the interior angles of a quadrilateral is**

A 180 degrees

B 270 degrees

C 360 degrees

D 540 degrees

Understand It with Pulse | Flag a mistake

6 **The value of cos 60 degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The value of tan 45 degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **Two lines that meet at a right angle are**

A parallel

B perpendicular

C coincident

D skew

Understand It with Pulse | Flag a mistake

9

Two lines that never meet are

A parallel

B perpendicular

C intersecting

D coincident

Understand It with Pulse | Flag a mistake

10

The value of sin 0 degrees is

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	0.5	**5.**	C	**9.**	A
2.	13	**6.**	0.5	**10.**	0
3.	C	**7.**	1		
4.	D	**8.**	B		

© 2026 Brett Robbins. All Rights Reserved.