MANITOBA APPLIED MATHEMATICS 30S · UNIT D · 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 right triangle has legs 24 and 45 as labelled. Its hypotenuse is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A ladder reaches a wall forming a right triangle with base 10 and height 24. The ladder length is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A right triangle has legs 15 and 36. Its hypotenuse is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

A 360 degrees

B 180 degrees

C 270 degrees

D 540 degrees

Understand It with Pulse | Flag a mistake

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

A 90 degrees

B 270 degrees

C 360 degrees

D 180 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 sin 0 degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The right triangle has legs 10 and 24 as labelled. Its hypotenuse is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The right triangle has legs 7 and 24 as labelled. Its hypotenuse is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	51	**5.**	D	**9.**	26
2.	26	**6.**	0.5	**10.**	25
3.	39	**7.**	0		
4.	A	**8.**	1		

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