MANITOBA ESSENTIAL MATHEMATICS 40S · UNIT F · 10 QUESTIONS

Geometry and 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 28 and 96 as labelled. Its hypotenuse is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The value of sin 30 degrees 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 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 tan 45 degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The value that makes an equation true is called the**

A coefficient

B variable

C solution

D expression

Understand It with Pulse | Flag a mistake

9 **The right triangle has legs 20 and 48 as labelled. Its hypotenuse is**

ANSWER _____

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.	100	**5.**	D	**9.**	52
2.	0.5	**6.**	0.5	**10.**	0
3.	C	**7.**	1		
4.	A	**8.**	C		

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