MANITOBA ESSENTIAL MATHEMATICS 20S · UNIT D · 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 15 and 36 as labelled. Its hypotenuse is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **In a right triangle with opposite 1 and hypotenuse 2, the ratio is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The value of sin 0 degrees is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **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

5 **A right triangle has legs 20 and 48. Its hypotenuse is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The ratio of circumference to diameter is**

A pi

B two

C three

D the radius

Understand It with Pulse | Flag a mistake

7 **An angle measuring 90 degrees is a**

A acute angle

B right angle

C obtuse angle

D straight angle

Understand It with Pulse | Flag a mistake

8 **An angle measuring less than 90 degrees is an**

A obtuse angle

B right angle

C acute angle

D reflex angle

Understand It with Pulse | Flag a mistake

9 **An angle measuring more than 90 degrees but less than 180 degrees is an**

A acute angle

B right angle

C reflex angle

D obtuse angle

Understand It with Pulse | Flag a mistake

10 **The mean of a data set is also called the**

A average

B median

C mode

D range

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	39	**5.**	52	**9.**	D
2.	0.5	**6.**	A	**10.**	A
3.	0	**7.**	B		
4.	26	**8.**	C		

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