MANITOBA ESSENTIAL MATHEMATICS 30S · UNIT F · 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 **In a right triangle with opposite 1 and hypotenuse 2, the ratio is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **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

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

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A right triangle has hypotenuse 34 and one leg 16. The other leg is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **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

7 **In the expression 3x plus 5, the number 3 is the**

A constant

B variable

C solution

D coefficient

Understand It with Pulse | Flag a mistake

8 **In the expression 3x plus 5, the letter x is the**

A variable

B coefficient

C constant

D term

Understand It with Pulse | Flag a mistake

9

A straight line graph has a slope that is

A increasing

B constant

C zero always

D undefined always

Understand It with Pulse | Flag a mistake

10

The slope of a horizontal line is

A one

B undefined

C zero

D negative

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	0.5	**5.**	30	**9.**	B
2.	0	**6.**	C	**10.**	C
3.	26	**7.**	D		
4.	39	**8.**	A		

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