RIGHT TRIANGLES AND TRIGONOMETRY - PRACTICE TEST | NEW BRUNSWICK FINANCIAL AND WORKPLACE MATHEMATICS 120 · UNIT A · 10 QUESTIONS

Right Triangles 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 **In a right triangle the side opposite angle A is 15 and the hypotenuse is 17. sin A to two decimal places is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **In a right triangle the side opposite angle A is 20 and the hypotenuse is 29. sin A to two decimal places is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A ladder of length 10 m leans against a wall at 30 degrees to the ground. The height reached up the wall in metres to one decimal place is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A ladder of length 20 m leans against a wall at 30 degrees to the ground. The height reached up the wall in metres to one decimal place is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A ladder of length 12 m leans against a wall at 45 degrees to the ground. The height reached up the wall in metres to one decimal place is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A ladder of length 14 m leans against a wall at 45 degrees to the ground. The height reached up the wall in metres to one decimal place is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A ladder of length 16 m leans against a wall at 60 degrees to the ground. The height reached up the wall in metres to one decimal place is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A ladder of length 18 m leans against a wall at 60 degrees to the ground. The height reached up the wall in metres to one decimal place is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A ladder of length 24 m leans against a wall at 30 degrees to the ground. The height reached up the wall in metres to one decimal place is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A ladder of length 30 m leans against a wall at 45 degrees to the ground. The height reached up the wall in metres to one decimal place is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	0.88	**5.**	8.5	**9.**	12
2.	0.69	**6.**	9.9	**10.**	21.2
3.	5	**7.**	13.9		
4.	10	**8.**	15.6		

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