Pythagorean Theorem and Trigonometry — Practice Test

Prince Edward Island Apprenticeship and Workplace Mathematics 10 • 10 questions

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 **A ladder reaches 16 metres up a wall and its base is 12 metres from the wall. The ladder length in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A right triangle has hypotenuse 20 metres and one side 16 metres. The missing side in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A ladder reaches 24 metres up a wall and its base is 7 metres from the wall. The ladder length in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A right triangle has hypotenuse 25 metres and one side 24 metres. The missing side in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A ladder reaches 20 metres up a wall and its base is 15 metres from the wall. The ladder length in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A right triangle has hypotenuse 25 metres and one side 20 metres. The missing side in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A ladder reaches 24 metres up a wall and its base is 10 metres from the wall. The ladder length in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A right triangle has hypotenuse 26 metres and one side 24 metres. The missing side in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A ladder reaches 21 metres up a wall and its base is 20 metres from the wall. The ladder length in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A right triangle has hypotenuse 29 metres and one side 21 metres. The missing side in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	20	**5.**	25	**9.**	29
2.	12	**6.**	15	**10.**	20
3.	25	**7.**	26		
4.	7	**8.**	10		

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