PRINCE EDWARD ISLAND APPRENTICESHIP AND WORKPLACE MATHEMATICS 10 · UNIT B · 5 QUESTIONS

Pythagorean Theorem 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 **A silver aluminium ladder leaning against the pale wall of a house. A ladder reaches 12 metres up a wall and its base is 9 metres from the wall. The ladder length in metres is**



ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A right triangle has hypotenuse 15 metres and one side 12 metres. The missing side in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **In workplace triangles, which term matches this description: upright side of a triangle?**

A vertical side

B horizontal side

C hypotenuse

D right angle

Understand It with Pulse | Flag a mistake

4 **A ladder reaches 15 metres up a wall and its base is 8 metres from the wall. The ladder length in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A right triangle has hypotenuse 17 metres and one side 15 metres. The missing side in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 15
2. 9
3. A
4. 17
5. 8

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