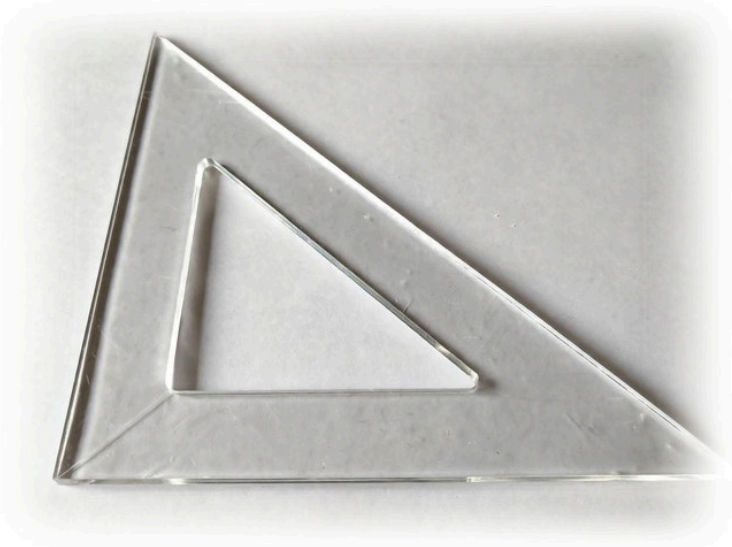
PRINCE EDWARD ISLAND FOUNDATIONS OF MATHEMATICS 11 · UNIT B · 5 QUESTIONS

Angles, 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 **Clear plastic triangular set square ruler lies flat on a plain white surface, straight edges and right angle visible, no people. In a right triangle, the side adjacent to an angle is 12 units and the hypotenuse is 15 units. What is the cosine of the angle, to two decimal places**



ANSWER

Understand It with Pulse | Flag a mistake

2 **In a right triangle, the side opposite an angle is 12 units and the hypotenuse is 13 units. What is the sine of the angle, to two decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **In a right triangle, the side opposite an angle is 5 units and the side adjacent to the angle is 12 units. What is the tangent of the angle, to two decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **In a right triangle, the side adjacent to an angle is 9 units and the hypotenuse is 15 units. What is the cosine of the angle, to two decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **In a right triangle, the side opposite an angle is 5 units and the hypotenuse is 13 units. What is the sine of the angle, to two decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 0.8
2. 0.92
3. 0.42
4. 0.6
5. 0.38

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