YUKON WORKPLACE MATHEMATICS 10 (MWPM-10) · UNIT C · 5 QUESTIONS

Trigonometry and Polygons — 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 right triangle has legs 5 cm and 12 cm. The hypotenuse, in centimetres, is**

- A 13
- B 17
- C 10
- D 15

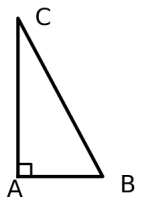
Understand It with Pulse | Flag a mistake

2 **A right triangle has hypotenuse 10 cm and one leg 6 cm. The other leg, in centimetres, is ____.**

ANSWER _____

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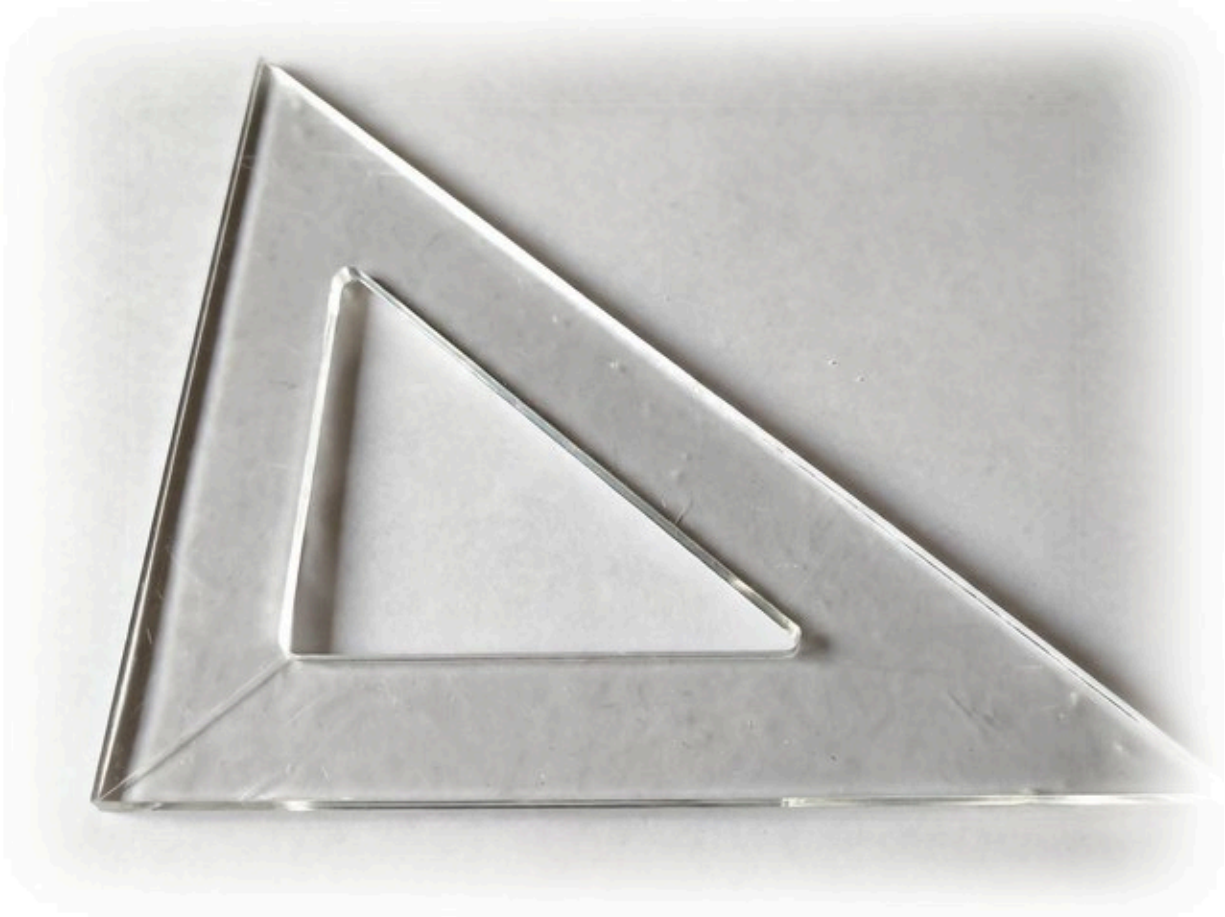
3 **The diagram shows a right triangle with legs 8 cm and 15 cm. The hypotenuse, in centimetres, is**



- **A** 23
- **B** 12
- **C** 17
- **D** 20

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4 **A clear plastic triangular set square ruler lies flat on a plain white surface. In a right triangle, the side opposite an angle is 8 cm and the hypotenuse is 10 cm. The sine of the angle is**



A 0.6

B 0.75

C 1.25

D 0.8

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5 **In a right triangle, the side adjacent to an angle is 6 cm and the hypotenuse is 10 cm. The cosine of the angle is**

- A 0.8
- B 0.75
- C 0.6
- D 1.67

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ANSWER KEY

1. A
2. 8
3. C
4. D
5. C

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