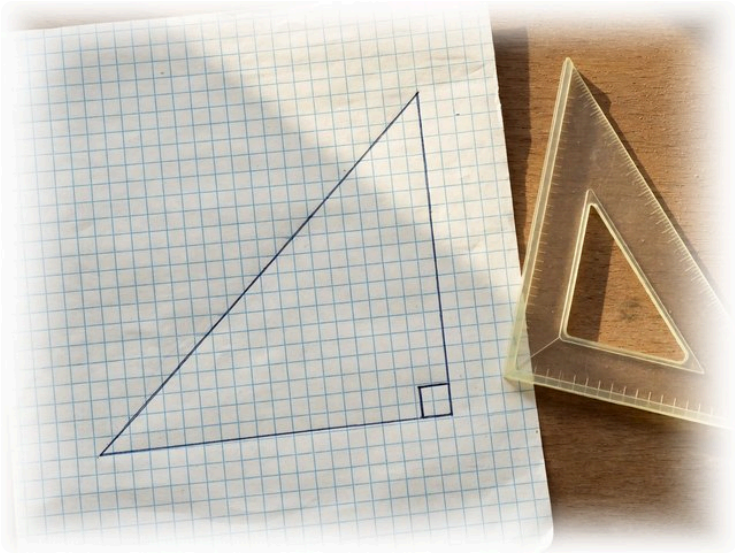
ONTARIO FUNCTIONS AND APPLICATIONS, GRADE 11, UNIVERSITY/COLLEGE PREPARATION (MCF3M) · UNIT C · 10 QUESTIONS

# Trigonometric Functions — 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** **The value of sin 90° to two decimal places is**



A 1.1

B 0.9

C 0.5

D 1

Understand It with Pulse

Flag a mistake

2 **The value of cos 30° to two decimal places is**

A 0.87

B 0.97

C 0.77

D 0.5

Understand It with Pulse | Flag a mistake

3 **The value of cos 45° to two decimal places is**

A 0.81

B 0.61

C 0.71

D 0.5

Understand It with Pulse | Flag a mistake

4 **The value of cos 60° to two decimal places is**

A 0.6

B 0.4

C 11.5

D 0.5

Understand It with Pulse | Flag a mistake

5 **The value of cos 0° to two decimal places is**

A 0.87

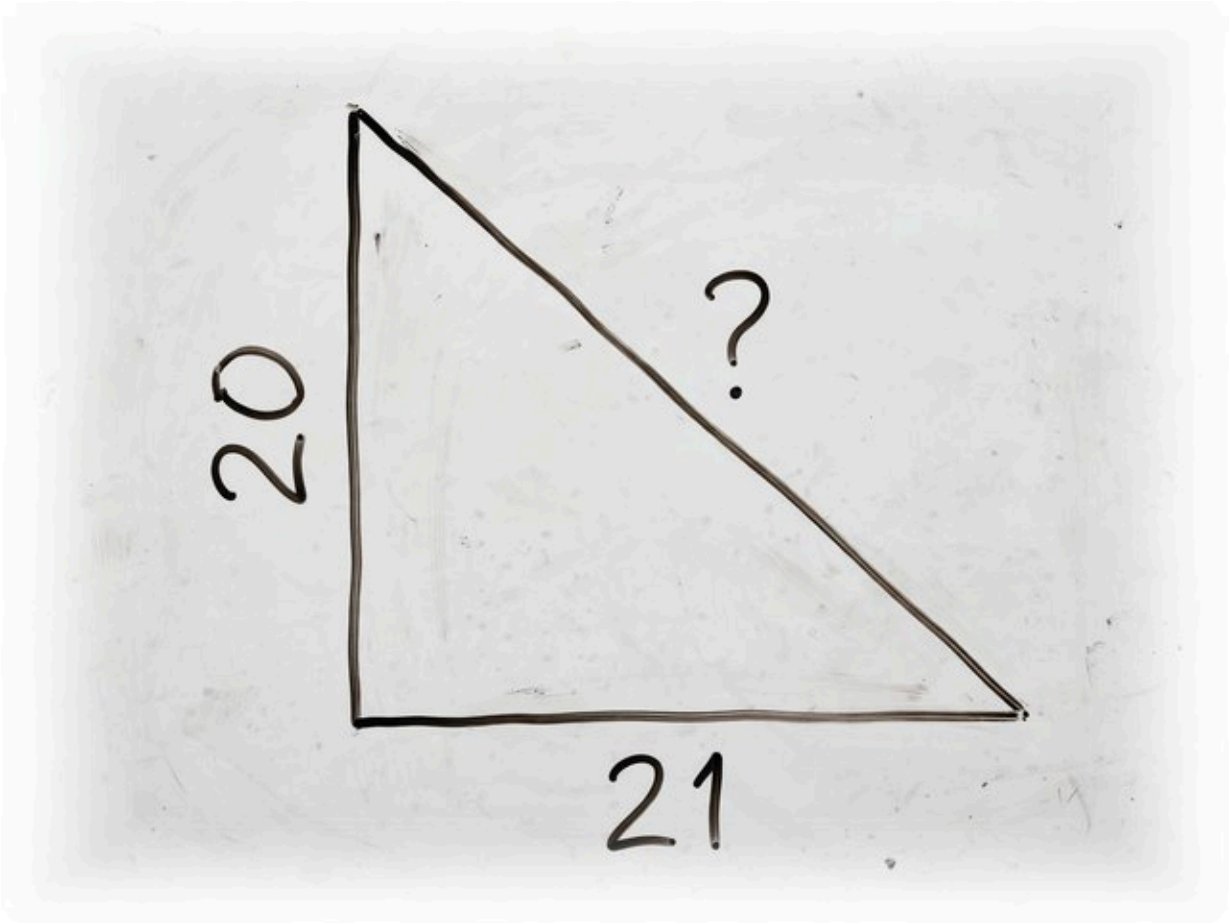
B 1

C 0.9

D 0.5

Understand It with Pulse | Flag a mistake

**6** **A right triangle has legs 20 and 21 The hypotenuse length is**




A 30

B 28

C 29

D 41

Understand It with Pulse | Flag a mistake

**7** **A right triangle has legs 12 and 16 The hypotenuse length is**

- A 21
- B 19
- C 28
- D 20

Understand It with Pulse | Flag a mistake

**8** **A right triangle has legs 15 and 20 The hypotenuse length is**

- A 26
- B 25
- C 24
- D 35

Understand It with Pulse | Flag a mistake

9 **A right triangle has legs 7 and 24 The hypotenuse length is**

- A 26
- B 24
- C 25
- D 31

Understand It with Pulse | Flag a mistake

10 **A right triangle has legs 10 and 24 The hypotenuse length is**

- A 26
- B 27
- C 25
- D 34

Understand It with Pulse | Flag a mistake

## ANSWER KEY

1. D
2. A
3. C
4. D
5. B
6. C
7. D
8. B
9. C
10. A

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