SASKATCHEWAN FOUNDATIONS OF MATHEMATICS 20 · UNIT B

# Angles, Triangles and Triangle Trigonometry — Practice Test

**Saskatchewan Foundations of Mathematics 20 • 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 **In a triangle, two angles measure 40 degrees and 90 degrees. The third angle, in degrees, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Two angles are complementary. One measures 58 degrees. The other, in degrees, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Two angles are complementary. One measures 67 degrees. The other, in degrees, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A triangle has angles 58 degrees and 44 degrees. The third angle, in degrees, is**

ANSWER

Understand It with Pulse | Flag a mistake

5 **In a triangle , side a = 20 , angle A = 60 degrees and angle B = 30 degrees . Side b is approximately**

A 13.5

B 11.5

C 9.5

D 20

Understand It with Pulse | Flag a mistake

6 **A triangle has angles 47 degrees and 47 degrees. The third angle, in degrees, is**

ANSWER

Understand It with Pulse | Flag a mistake

7 **In a triangle, two angles measure 39 degrees and 90 degrees. The third angle, in degrees, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **Two angles are complementary. One measures 26 degrees. The other, in degrees, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **In a triangle , side a = 20 , angle A = 45 degrees and angle B = 30 degrees . Side b is approximately**

A 16.1

B 12.1

C 14.1

D 20

Understand It with Pulse | Flag a mistake

10 **In a triangle , side a = 20 , angle A = 30 degrees and angle B = 45 degrees . Side b is approximately**

A 30.3

B 26.3

C 20

D 28.3

Understand It with Pulse | Flag a mistake

## ANSWER KEY

| | | | | | |
|---|---|---|---|---|---|
| **1.** | 50 | **5.** | B | **9.** | C |
| **2.** | 32 | **6.** | 86 | **10.** | D |
| **3.** | 23 | **7.** | 51 | | |
| **4.** | 78 | **8.** | 64 | | |

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