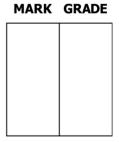**NAME:**                    **DATE:**

## ANGLES OF A TRIANGLE

# KS2 MATHEMATICS

MARK   GRADE

*INSTRUCTIONS:*

▶ANSWER ALL QUESTIONS
▶ALL WORKINGS MUST BE SHOWN
▶USE THE CALCULATOR WHEN EXPECTED

# KS2 Maths – Angles in a Triangle

**Instructions:** Use the rule that **angles in a triangle add up to 180°** to solve the following problems. Give your answers in degrees (°).

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1.  One angle in a triangle is 90°, another is 45°. What is the third angle?

    **Answer: _____**

2.  A triangle has angles 60° and 60°. What is the third angle?

    **Answer: _____**

3.  Two angles in a triangle are 35° and 65°. Find the missing angle.

    **Answer: _____**

4.  One angle in a triangle is 120°, another is 30°. What is the third angle?

    **Answer: _____**

5.  A triangle has two equal angles of 70°. What is the third angle?

    **Answer: _____**

6.  A triangle has one angle of 90° and another of 25°. What is the missing angle?

    **Answer: _____**

7.  In an isosceles triangle, one angle is 40°. What are the other two angles?

    **Answer: _____**

8.  A triangle has angles 100° and 30°. What is the third angle?

    **Answer: _____**

9.  If two angles are 50° and 60°, what is the third angle?

    **Answer: _____**

10. A triangle has one angle that is twice as big as another: one is 50°, one is 80°. What is the third?

    **Answer: _____**