Name: _____

Triangle Angle Sum

Find the missing angle in each triangle.

Learn: The three angles of a triangle add up to 180°. Subtract the two you know from 180.

Example: Angle A = 61°, Angle B = 41°. Angle C = 78°

1. Angle A = 77°, Angle B = 37°. Angle C = _____
2. Angle A = 88°, Angle B = 71°. Angle C = _____
3. Angle A = 91°, Angle B = 56°. Angle C = _____
4. Angle A = 20°, Angle B = 37°. Angle C = _____
5. Angle A = 46°, Angle B = 34°. Angle C = _____
6. Angle A = 56°, Angle B = 87°. Angle C = _____
7. Angle A = 99°, Angle B = 24°. Angle C = _____
8. Angle A = 61°, Angle B = 40°. Angle C = _____
9. Angle A = 93°, Angle B = 58°. Angle C = _____
10. Angle A = 22°, Angle B = 86°. Angle C = _____
11. Angle A = 98°, Angle B = 31°. Angle C = _____
12. Angle A = 52°, Angle B = 68°. Angle C = _____

Name: **ANSWER KEY**

Triangle Angle Sum

Find the missing angle in each triangle.

Learn: The three angles of a triangle add up to 180°. Subtract the two you know from 180.

Example: Angle A = 61°, Angle B = 41°. Angle C = 78°

1. Angle A = 77°, Angle B = 37°. Angle C = 66°
2. Angle A = 88°, Angle B = 71°. Angle C = 21
3. Angle A = 91°, Angle B = 56°. Angle C = 33°
4. Angle A = 20°, Angle B = 37°. Angle C = 123
5. Angle A = 46°, Angle B = 34°. Angle C = 100°
6. Angle A = 56°, Angle B = 87°. Angle C = 37
7. Angle A = 99°, Angle B = 24°. Angle C = 57°
8. Angle A = 61°, Angle B = 40°. Angle C = 79
9. Angle A = 93°, Angle B = 58°. Angle C = 29°
10. Angle A = 22°, Angle B = 86°. Angle C = 72
11. Angle A = 98°, Angle B = 31°. Angle C = 51°
12. Angle A = 52°, Angle B = 68°. Angle C = 60