

Q5 (Triangle Facts) Day 107**Name:** _____

1. Look at the statements below. Tick the statement if it is **true**.

- Two sides of an isosceles triangle are the same length. ☐
- The angles in an equilateral triangle are all equal to 90° . ☐
- The three angles of a scalene triangle are always the same. ☐

2. Look at the statements below. Tick the statement if it is **true**.

- The angles in a triangle add up to 360° . ☐
- The angles in a triangle add up to the same as angles on a straight line. ☐
- Two angles of a scalene triangle are always the same. ☐

3. Look at the statements below. Tick the statement if it is **true**.

- The sides of scalene triangle are all the same length. ☐
- A right angle triangle must always have a right angle. ☐
- An isosceles triangle has three sides that are the same length. ☐

4. Look at the statements below. Tick the statement if it is **true**.

- Three angles in an isosceles triangle are the same size. ☐
 - The sides of an equilateral triangle are all the different lengths. ☐
 - The angles in a triangle are $\frac{1}{2}$ of the angles in a quadrilateral. ☐
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5. Look at the statements below. Tick the statement if it is **true**.

- The angles in triangle equal $\frac{1}{2}$ the angle of a full turn.
 - The area of a triangle is height x width.
 - The angles in a triangle are equal to three right angles.
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6. Look at the statements below. Tick the statement if it is **true**.

- The area of a triangle is height x width.
 - The area of a triangle is half the height x half the width.
 - The area of a triangle is height x half the width.
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7. Look at the statements below. Tick the statement if it is **true**.

- The angles in a triangle add up to three quarter turns.
 - The angles in a scalene triangle are all the same.
 - Two sides on isosceles triangle are always equal.
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8. Look at the statements below. Tick the statement if it is **true**.

- The angles in a triangle are half of the angles in a quadrilateral.
 - The sides of an equilateral triangle are always equal to 6cm.
 - The area of a triangle is half the width x half the height.
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9. Look at the statements below. Tick the statement if it is **true**.

- Individual angles in an equilateral triangle are $\frac{1}{6}$ of a full turn. ☐
 - Two angles in a triangle can equal 90° each. ☐
 - Angles in a triangle are equal to the 270° . ☐
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10. Look at the statements below. Tick the statement if it is **true**.

- Two angles in a scalene triangle could be 30° and 120° . ☐
 - Two angles in a scalene triangle could be 35° and 100° . ☐
 - Two angles in a scalene triangle could be 35° and 110° . ☐
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11. Look at the statements below. Tick the statement if it is **true**.

Two angles in an isosceles triangle could be 20° and 140° . ☐

Two angles in an isosceles triangle could be 40° and 110° . ☐

Two angles in an isosceles triangle could be 35° and 120° . ☐

12. Look at the statements below. Tick the statement if it is **true**.

The area of a triangle is half the height x half the width. ☐

The area of a triangle is height x width. ☐

The area of a triangle is height x half the width. ☐

Answers**1. 1st****2. 2nd****3. 2nd****4. 3rd****5. 1st****6. 3rd****7. 3rd****8. 1st****9. 1st****10. 2nd****11. 1st****12. 3rd**