

Q3 (Shape Properties) Day 64 Name: _____

1. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True False

Perpendicular lines always meet.

Equilateral triangles have sides the same length

The angles in a triangle add up to 360°

Parallel lines never meet

2. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True False

A rhombus has same length sides

A rhombus has sides that are different lengths

A rhombus has 2 sets of parallel sides

A rhombus has 1 set of parallel sides

3. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True False

A trapezium has one set of parallel sides

A kite has one set of parallel sides

A scalene triangle has sides of different lengths

An acute angle is an angle 90° or less

4. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True False

There are 270° in a straight line

A parallelogram has 2 sets of parallel sides

A reflex angle is more than 180°

A full circle is 270° plus a right angle

5. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True False

Rectangles contain angles that add to make 360°

An obtuse angle is more than 90° and less than 360°

A trapezium cannot have perpendicular sides

Perpendicular lines meet at right angles

6. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True False

An isosceles triangle has 2 angles of the same size

An equilateral triangles angles are all 60°

A rhombus has one set of parallel sides

A kite has one set of parallel sides

7. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True **False**

A quadrilateral has angles that add to 180°

The angles of a triangle and a straight line add to make 360°

There are 90° in a right angle

An acute angle is 90° or less

8. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True **False**

A parallelogram has 2 sets of parallel sides

A reflex angle is more than 360°

Perpendicular lines make an angle of 90°

Parallel lines must be straight

9. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True **False**

A kite has 3 sides

A straight-line has an angle of 170°

The angles in a triangle add up to 90°

Parallel lines meet at right angles.

10. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True **False**

Perpendicular lines cannot meet.

A scalene triangle has two sides the same length

Reflex angles are more than 180°

A trapezium has two sets of parallel sides

11. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True **False**

A rhombus has sides that are different lengths

An acute angle is 90° or less

The angles in a triangle add up to 180°

Isosceles triangles contain one line of symmetry

12. Look at the **four statements** below. Tick to show whether each statement is **true** or **false**.

True **False**

An equilateral triangle contains 3 lines of symmetry

A reflex angle is 180° or more

A straight line is 180°

A quadrilateral's angles add up to that of a full revolution

Answers

1. TTFT
2. TFTE
3. TFTE
4. FTFT
5. TFFT
6. TTFF
7. FTTF
8. TFTE
9. FFFF
10. FFTE
11. FFTT
12. TFFT