

1. True/False Activity:

Work in pairs. Decide whether these statements are true or false. Provide a justified single answer.

1. Every equilateral triangle is acute.
2. A triangle may contain two obtuse angles.
3. An acute triangle has only one acute angle.
4. A triangle can be both isosceles and obtuse.
5. An equilateral triangle can be an obtuse triangle.
6. **All isosceles triangles have one obtuse and two acute angles.**
7. **All scalene triangles have a right angle.**
8. **All scalene triangles have three different angles.**