

- 1 Use Maths-Pro or Geo-Pro to draw any circle. Locate and mark the centre of the circle.
- 2 Form a triangle around the circle as shown so that each side is a tangent to the circle.
- 3 Join the corners of the triangle to the centre of the circle with dashed lines.
- 4 Measure each angle of the triangle.
- 5 Now measure each angles formed by the dashed lines and the triangle sides.
- 6 How do the angles in steps 4 and 5 compare?
- 7 Is this true for all triangles? Investigate.

