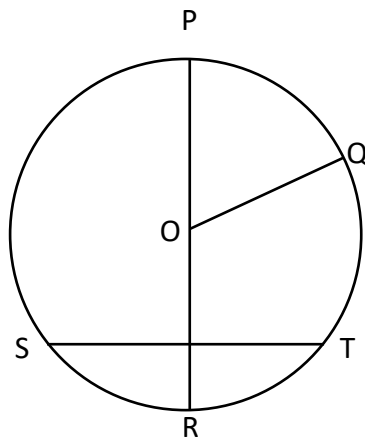**Round all answers to an appropriate degree of accuracy unless specifically stated**

1. Factorise $2x^2 + 3x - 5$

2. Copy the diagram below into your jotter, where O is the centre of the circle and the points P, Q and R are on the circumference of the circle.

   a) Draw in 2 chords PQ and QR.

   b) Name 2 isosceles triangles.

   c) Draw a radius to complete a right angled triangle.

   d) Complete the sentence:

      ST is the P_____ B_____ of OR

3. Solve $3(x + 4) \geq 6(x - 5)$

4. Find the equation of the line joining A(-3, 2) and B(-7, 5).

5. Write without brackets

   $$(\tfrac{2}{3}p^3q^4)^2$$

6. Simplify $\sqrt{3} + 3\sqrt{12} - \sqrt{48}$