

- A: A line has the equation $4x - 5y + 7 = 0$. Find the equation of the perpendicular line which runs through point (9,15).
- B: A circle has the centre at (3,4). The radius of the circle is 6cm. Find the point where the two tangents that meet the circle at (8,y) cross.
- C: Given that $x \propto y$, find the value of a given that $a > 0$ and that when $y=6$, $x=a$ and when $y=a$, $x=9$.