Practice Questions

Q2. Fill Blank: The equation of the circle which passes through the point (4, 5) and has its centre at (2, 2) is _____.

S2. As the circle is passing through the point (4, 5) and its centre is (2,2) so its radius is

$$r^2 = (4-2)^2 + (5-2)^2 = 13$$

Therefore the required answer is, in center-radius form

$$(x–2)^2 + (y–2)^2 = 13$$