ABCD is a square containing four congruent circles.

A is the point $(2, 1)$, and D is the point $(10, 1)$.
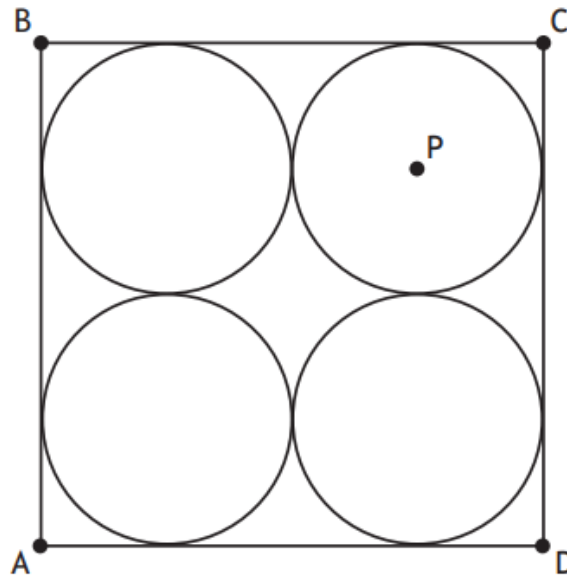
Determine the equation of the circle with centre P.   **3**

Answer: $(x-8)^2 + (y-7)^2 = 4$