

Word problems on factorisation

- 1) The area of a square is given by $(64p^2 - 48p + 9)$. Find the side of the square.
- 2) The area of a rectangle is $x^2 + 7x + 12$. If its breadth is $(x+3)$, then find its length.
- 3) The CSA of a cylinder is $2\pi(y^2 - 7y + 12)$ and its radius is $(y-3)$. Find the height of the cylinder.
- 4) The area of a circle is given by the expression $\pi x^2 + 6\pi x + 9\pi$. Find the radius of the circle.
- 5) The area of a triangle is $7xy(x^4 - y^4)$ and the base is $14(x^2 + y)$. Then find the height of the triangle.