

3 It is given that x is proportional to the product of the square of y and the positive square root of z .
When $y = 2$ and $z = 9$, $x = 30$.

(a) Write an equation for x in terms of y and z . **[2]**

(b) Find the value of x when $y = 3$ and $z = 25$. **[2]**