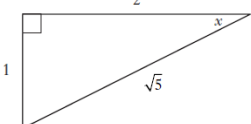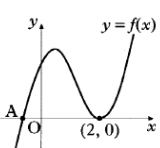|	
101 A function f is defined on the set of real numbers by $f(x) = x^3 - x^2 + x + 3$. What is the remainder when $f(x)$ is divided by $(x - 1)$?	
102 If $x^2 - 8x + 7$ is written in the form $(x - p)^2 + q$, what is the value of q?	
103 Given that $log_{10}x = 3log_{10}y + log_{10}2$, express x in terms of y.	
104 Solve the equation $2cos3x = 1$, for $0 \le x \le 360$	
105 The diagram shows a right-angled triangle with sides and angles marked. Find the value of sin2x.	
106 If $s(t) = t^2 - 5t + 8$, what is the rate of change of s with respect to t when $t = 3$?	
107 The diagram shows part of the graph of the curve $y = 2x^3 - 7x^2 + 4x + 4$. Find the x-coordinate of the maximum turning point.	
108 Find $\int x(3x + 2)dx$.	
109 Find $f(x)$ given that $f'(x) = 2 - \frac{1}{x^2}$ and $f(1) = 8$.	
110 Write $1.5cosx° + 2sinx°$ in the form $kcos(x + a)°$, where $0 \le a \le 180$.	