1   Write down the value of 13^0

.... [1]

MARK SCHEME

			1	
1			1	

2   Here are three equations.

$$80 = 2^m \times 5 \qquad\qquad 72 = 2^n \times 3^2 \qquad\qquad 80 \times 72 = 2^p \times 3^2 \times 5$$

Work out the values of m, n and p.

$m =$ ....

$n =$ ....

$p =$ .... [3]

MARK SCHEME

$(m =) 4$ $(n =) 3$ $(p =) 7$	**3**	Award 1 mark for $(m =) 4$ and Award 1 mark for $(n =) 3$ and Award 1 mark for $(p =) 7$ or if $p = their$ $m + their\ n$.