14	$0.85 \times x^2 = 1.0285$ **or** $85 \times x^2 = 102.85$ oe or $(x^2 =)\ 1.0285 \div 0.85$ **or** $(x^2 =)\ 102.85 \div 85$ oe **or** 1.21 oe		4	M2	for a correct equation using their chosen letter or value in place of letter, or a correct division or 1.21 seen otherwise: (M1 for either 0.85 or 1.0285 seen)
	$(x =) \sqrt{1.0285 \div 0.85}$ **or** $(x =) \sqrt{102.85 \div 85}$ oe **or** $(x =)\ 1.1(0)$			M1	for a correct expression or value for x
		10		A1	
					Total 4 marks

Alternative Mark Scheme for Q14					
14	$\left(\frac{100+y}{100}\right)^2 \times 0.85 = 1.0285$ oe **or** $\left(\frac{100+y}{100}\right)^2 = 1.21$ oe or $10^4 + 200y + y^2 = 12100$ oe		4	M2	for a correct equation using their chosen letter, otherwise: (M1 for either 0.85 or 1.0285 seen)
	$\frac{100+y}{100} = 1.1$ **or** $100 + y = 110$ oe or $(y + 210)(y - 10) = 0$			M1	for a correct equation involving y with no square terms **or** a correct method for solving the quadratic: If factorising, allow brackets which expanded give 2 out of 3 terms correct – if using formula or completing the square allow one sign error and some simplification – allow as far as eg $\frac{-200 \pm \sqrt{40000 + 8400}}{2}$ or eg $(y + 100)^2 - 12100 = 0$ oe
		10		A1	
					Total 4 marks