Question	Marking Guidance	Mark	Comments
01.1	M1 $(K_c =) \frac{[CH_3CH_2OH]}{[CH_2 = CH_2][H_2O]}$	1	M1 penalise missing brackets or use of (); allow correct molecular formulae in correct expression (and allow CH ₂ CH ₂); ignore powers shown as 1
	M2 mol ⁻¹ dm ³	1	 M2 units must be in simplest form on one line (or dm³ mol⁻¹) M2 units are consequential on expression in M1 (mol⁻¹ dm³ only scores if it is the units for the expression in M1)
01.2	M1 $\frac{\left[\frac{4.40}{2.00}\right]}{\left[\frac{0.70}{2.00}\right] \times \left[\frac{1.20}{2.00}\right]}$ or $\frac{2.20}{0.35 \times 0.60}$ or $\frac{4.40}{0.70 \times 1.20} \times 2.00$ M2 10.5 (must be 3sf)	1	10.5 (3sf) scores both marks; correct value to 2sf (10) or 4sf or more (10.476) scores 1 mark Volume not used is CE=0 If use incorrect expression for K_c in 1.2 then no marks in 1.2 If a value from the question is copied incorrectly into the expression, could still score M2 if then used correctly in calculation (AE -1) Ignore units