nee	culate the amount of solid calcium chloride that is eded to make 200 mL of solution where Ca ⁺⁺ centration is 0.04 M
b) 4 c) (d) 8	0.60 g 4.44 g 0.88 g 3.00 g 0.08 g
2) Wh poi	ich of the following solutions has the highest boiling nt?
a)	0.02 g NaCl in 10 g of water
b)	0.0225 g urea (NH2-CO-NH2) in 10 g of water
c)	0.15% (w/w) solution of KCI in water
d)	0.12 g urea in 12 mL of ethanol
e)	Aqueous solution of urea with urea mole fraction of 0.00065

- 3) What is the final molar concentration of urea if 50 mL of 0.03 M urea solution is diluted with 20 mL water? You may assume that volumes are additive.
 - a) 1.500 M
 - b) 2.330 M
 - c) 0.012 M
 - d) 0.021 M
 - e) 0.003 M
- 4) What is the approximate molar concentration of sodium sulfate in 0.00001 molal aqueous sodium sulfate solution at 4 °C (water density at 4° is 1.000 g/mL)?
 - a) 0.00010 M
 - b) 0.00002 M
 - c) 0.00584 M
 - d) 0.00001 M
 - e) 0.00004 M