
Show working and units.

Problem	Answer	Problem	Answer
1. Mass of NaOH for 500 mL of 0.2 M?		4. Moles in 30 mL of 0.1 M HCl?	
2. Molarity of 11.69 g NaCl in 200 mL?		5. Mass of glucose for 1 L of 0.3 M?	
3. Stock volume for 250 mL of 0.5 M from 5 M?		6. Dilution factor from 6 M to 0.5 M?	

Notes

Answer key – Molarity practice

#	Problem	Answer
1	Mass of NaOH for 500 mL of 0.2 M?	4.00 g
2	Molarity of 11.69 g NaCl in 200 mL?	1.00 M
3	Stock volume for 250 mL of 0.5 M from 5 M?	25 mL
4	Moles in 30 mL of 0.1 M HCl?	0.003 mol
5	Mass of glucose for 1 L of 0.3 M?	54.05 g
6	Dilution factor from 6 M to 0.5 M?	12×

Notes