Molarity Calculations

Calculate the molarities of the following solutions:

1)	2.3 moles of sodium chloride in 0.45 liters of water.
2)	1.2 moles of calcium carbonate in 1.22 liters of water.
3)	0.09 moles of sodium sulfate in 12 mL of water.
4)	0.75 moles of lithium fluoride in 65 mL of water.
5)	0.8 moles of magnesium acetate in 5 liters of water.
6)	120 grams of calcium nitrite in 240 mL of water.
7)	98 grams of sodium hydroxide in 2.2 liters of water.
8)	1.2 grams of hydrochloric acid in 25 mL of water.
9)	45 grams of ammonia in 0.75 L of water.

Explain how you would make the following solutions. You should tell how many grams of the substance you need to make the solution, not how many moles.		
10)	2 L of 6 M HCI	
11)	1.5 L of 2 M NaOH	
12)	0.75 L of 0.25 M Na ₂ SO ₄	
13)	45 mL of 0.12 M sodium carbonate	
14)	250 mL of 0.75 M lithium nitrite	
15)	56 mL of 1.1 M iron (II) phosphate	
16)	6.7 L of 4.5 M ammonium nitrate	
17)	4.5 mL of 0.05 M magnesium sulfate	
18)	90 mL of 1.2 M BF ₃	