• What mass of isotope would be initially required if a medical procedure needs 2.0 mg of ^{99m} Tc exactly 50 hours later? The half life of ^{99m} Tc is 6.0 hours.		Marks 2
	Answer:	
• Comment on the stability of the followin (if any) that they undergo.	ng nuclides, and the type of radioactive decay	3
¹⁸ ₁₀ Ne		
$^{32}_{16}S$		
236		-
²³⁶ ₉₀ Th		
		1