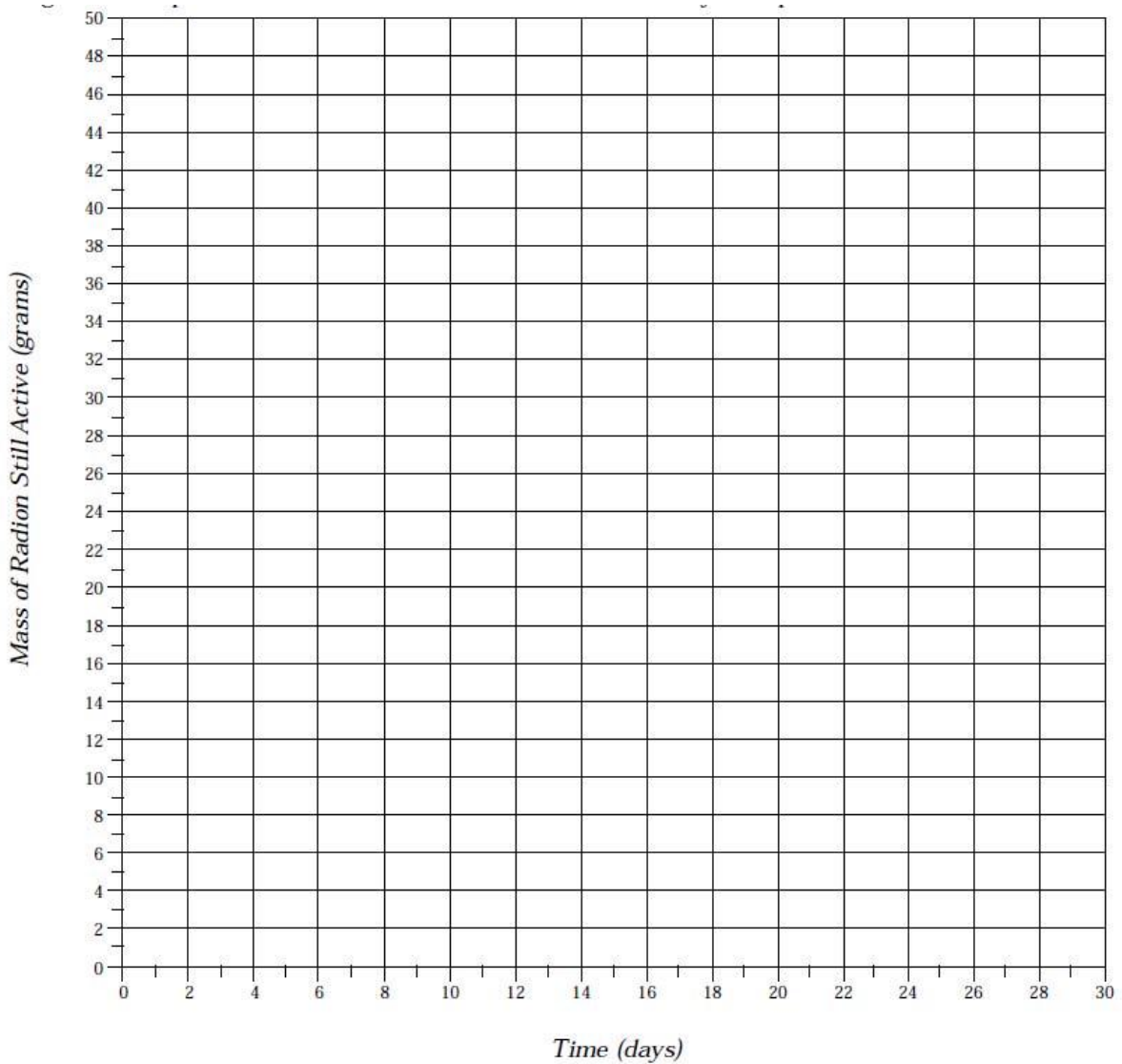Name_____ WS Half-life 2

The Half-Life of Radon-226 is approximately 4 days. On the grid below, plot the amount of Radon-226 left after each 4 day time period when you start with a 48g sample of Radon-226

Mass of Radion Still Active (grams)

Time (days)

Questions

1. How many grams of radon would be present after 4 days?
2. How many grams of radon would be present after 12 days?
3. How many grams of radon would be present after 24 days?
4. If 8 g of radon are left, what is the time elapsed?
5. How many grams of radon would be present after 6 days?