CHEM 1120 Critical Item 10 - first order kinetics and the half life.	copy 1 printed on 04/15/04
NAME	
The half life of tritium (³ H) is 12.5 yr. How long does before only is left over?	18.1% of the original sample
Δnswar:	Vr

CHEM 1120 Critical Item 10 - first order kinetics and the half life. co	ору 2	2	printed on	04/15/04
NAME				
The half life of oxygen-19 (19 O) is 29.5 s. How long does before only sample is left over?		6.2%	of the orio	ginal
Anawar:				

CHEM 1120 Critical Item 10 - first order kinetics and the half life.	copy 3	printed on	04/15/04
NAME			
The half life of Technetium-95 (95Tc) is 60 days. How long does b original sample is left over?	efore only	99.9% of th	e
Answer:		da	ays

CHEM 1120 Critical Item 10 - first order kinetics and the half life	fe. copy	4 print	ed on 0	4/15/04
NAME				
The half life of Plutonium-239 (²³⁹ Pu) is 24 100 yr. How long original sample is left over?	loes before	only 20).1% of	the
Answer:			yr	

CHEM 1120 Critical Item 10 - first order kinetics and the half life. copy 5	printed on 04/15/04
NAME	
The half life of Plutonium-240 (²⁴⁰ Pu) is 6 580 yr. How long does before only original sample is left over?	6.7% of the
Anguari	

CHEM 1120 Critical Item 10 - first order kinetics and the half life.	сору	6	printed on	04/15/04
NAME				·
The half life of tritium (³ H) is 12.5 yr. What percent of the original 37.0 years?	sample	is le	eft after	
Answer:			%	6

CHEM 1120 Critical Item 10 - first order kinetics and the	half life. copy	7 printed on	04/15/04
NAME			
The half life of oxygen-19 (¹⁹ O) is 29.5 s. What percent 35.7 seconds?	of the original sa	mple is left after	
Δη	ewor.		0/_

CHEM 1120 Critical Item 10 - first order kinetics and the half life.	сору	8	printed on	04/15/04
NAME				
The half life of Technetium-95 (95Tc) is 60 days. What percent of 166 days?	the orig	inal	sample is le	ft a
Anguari				0/

CHEM 1120 Critical Item 10 - first order kinetics and the half life.	сору	9	printed on	04/15/04
NAME				
The half life of Plutonium-239 (²³⁹ Pu) is 24 100 yr. What percent of 71280 years?	of the o	riginal	sample is	left
Answer:				0/2

CHEM 1120 Critical Item 10 - first order kinetics and the half life.	copy	10	printed on	04/15/04
NAME				
The half life of Plutonium-240 (²⁴⁰ Pu) is 6 580 yr. What percent of 17494 years?	the orio	ginal	sample is le	eft í
∆nswar:				0/2

CHEM 1120 Critical Item 10 - first order kinetics and the half life.

Key **1** thru **10**

printed on 04/15/04

1 30.84

2 50.08

3 0.02

4 28.96

5 48.77

6 12.9%

7 43.2%

8 14.6%

9 12.9%

10 15.8%