

NAME _____

The half life of tritium (^3H) is 12.5 yr. How long does before only 18.1% of the original sample is left over?

Answer: _____yr

NAME _____

The half life of oxygen-19 (^{19}O) is 29.5 s. How long does before only 6.2% of the original sample is left over?

Answer: _____ s

NAME _____

The half life of Technetium-95 (^{95}Tc) is 60 days. How long does before only 99.9% of the original sample is left over?

Answer: _____ days

NAME _____

The half life of Plutonium-239 (^{239}Pu) is 24 100 yr. How long does before only 20.1% of the original sample is left over?

Answer: _____ yr.

NAME _____

The half life of Plutonium-240 (^{240}Pu) is 6 580 yr. How long does before only 6.7% of the original sample is left over?

Answer: _____ yr.

NAME _____

The half life of tritium (^3H) is 12.5 yr. What percent of the original sample is left after 37.0 years?

Answer: _____ %

NAME _____

The half life of oxygen-19 (^{19}O) is 29.5 s. What percent of the original sample is left after 35.7 seconds?

Answer: _____ %

NAME _____

The half life of Technetium-95 (^{95}Tc) is 60 days. What percent of the original sample is left a 166 days?

Answer: _____ %

NAME _____

The half life of Plutonium-239 (^{239}Pu) is 24 100 yr. What percent of the original sample is left 71280 years?

Answer: _____ %

NAME _____

The half life of Plutonium-240 (^{240}Pu) is 6 580 yr. What percent of the original sample is left after 17494 years?

Answer: _____ %

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%