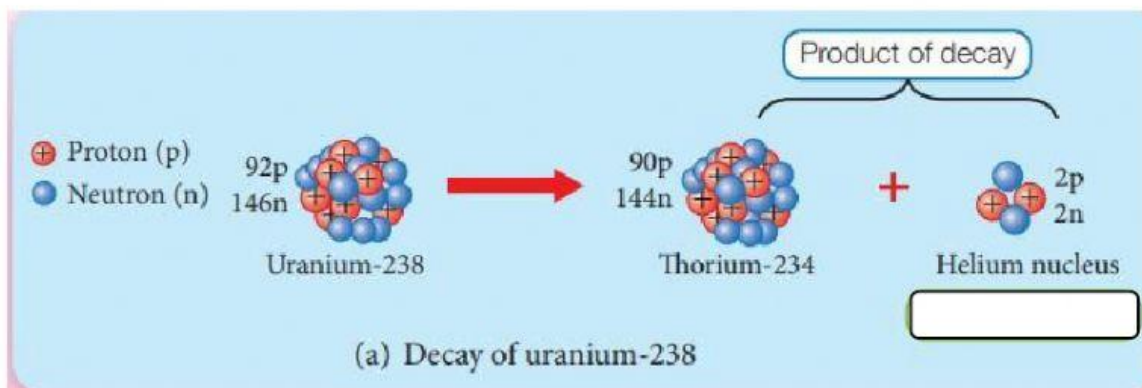


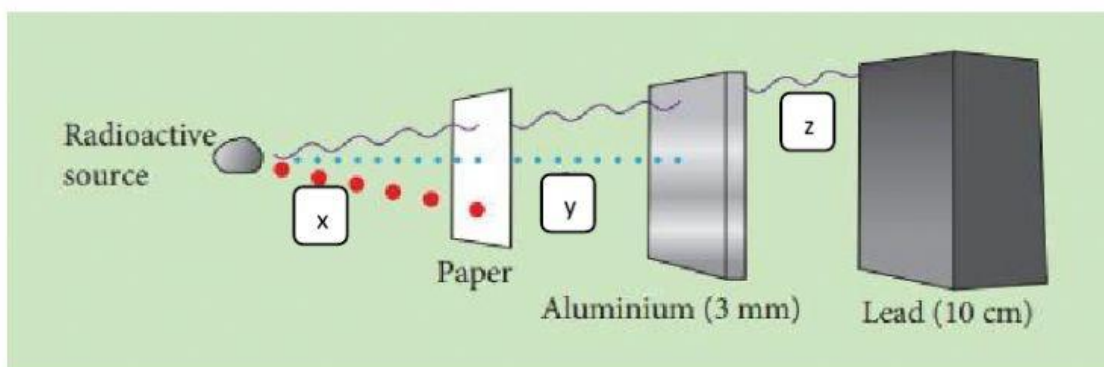
## RADIOACTIVITY

1) Diagram below shows decaying process of uranium-238 that emits radioactive radiation. Choose the correct type of radiation emitted by this decaying process.



2) Diagram below shows the penetration power by 3 types of radioactive radiation.

Name x, y and z.



x: \_\_\_\_\_

y: \_\_\_\_\_

z: \_\_\_\_\_

### USES OF RADIOACTIVE RADIATION

Identify the type of radioactive substance/ type of radiation that commonly used in our daily life.

- 1) Archeologists use this radioactive substance to determine the age of fossil and artifacts.

- 2) In agriculture, they use this radioactive substance to determine the absorption rate of phosphate fertiliser in plants.

- 3) In medical field, they use this radioactive substance to kill cancer cells.