

NAME _____

GROUP _____

**GRADE 8 – PHYSICAL SCIENCE
CHAPTER 16
VOCABULARY SKILLS
MATCHING**

**DIRECTIONS: MATCH THE WORD WITH ITS DEFINITION.
NOT ALL WORDS WILL BE USED**

- | | |
|----------------------------------|---------------------------|
| A. ALPHA PARTICLE | I. HALF-LIFE |
| B. BETA PARTICLE | J. ISOTOPES |
| C. GAMMA DECAY | K. NUCLEAR FISSION |
| D. NUCLEAR FUSION | L. MASS NUMBER |
| E. RADIOACTIVITY | |
| F. NUCLEAR RADIATION | |
| G. RADIOACTIVE DECAY | |
| H. NUCLEAR CHAIN REACTION | |

_____ **PARTICLE STOPPED BY PAPER**

_____ **PARTICLE STOPPED BY ALUMINUM FOIL**

_____ **RAY THAT CAN BE STOPPED ONLY BY LEAD OR
CONCRETE**

_____ **THE SUM OF THE PROTONS AND NEUTRONS**

_____ **THE ABILITY OF SOME ELEMENTS TO GIVE OFF
RADIATION**

_____ **HIGH ENERGY PARTICLES AND RAYS**

_____ **WHEN A NUCLEUS SPLITS INTO TWO NUCLEI**

_____ **A SERIES OF FISSION REACTIONS**

_____ **WHEN TWO OR MORE NUCLEI JOIN TOGETHER**

_____ **AN ATOM WITH A DIFFERENT NUMBER OF NEUTRONS**