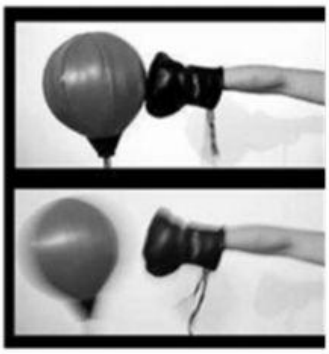
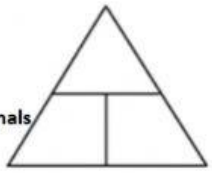
15. For work to be done an object must _____ a distance as a result of a _____. Was work done on the punching bag by the glove? **Yes No**



16. The amount of WORK done in a certain period of TIME is _____.
17. Fill out the triangle for power:
18. If 400,000 Joules of work are done in 20 seconds how much power was used? unit **m kg N J W**

**Just the whole number, no commas or decimals**



19. Fill in the table below that compares mass and weight.

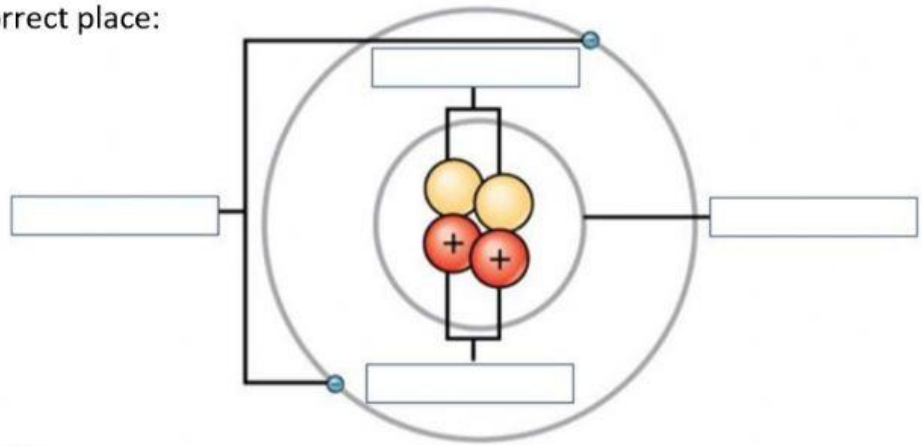
***Terms:*** **The amount of matter in an object.** **The force of gravity acting on an object.**

**grams** **newtons**

| | **Weight** | **Mass** |
|---|---|---|
| What does it measure? | | |
| What unit is used to measure it? | | |

20. Put the terms in the correct place:

**Electrons**
**Neutrons**
**Nucleus**
**Protons**



21. In the formula $CO_2$ the 2 is a _____.
22. The metals are located to the _____ of the zig-zag line on the periodic table
23. Most of the mass of an atom is in the _____ which contains the _____ **(+)** and _____.

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