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 _____.

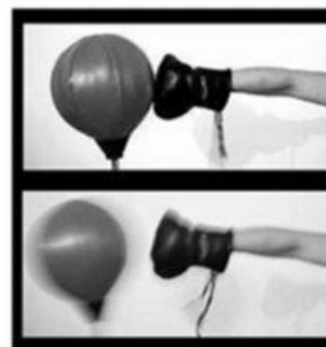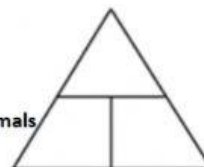17. Fill out the triangle for power:

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

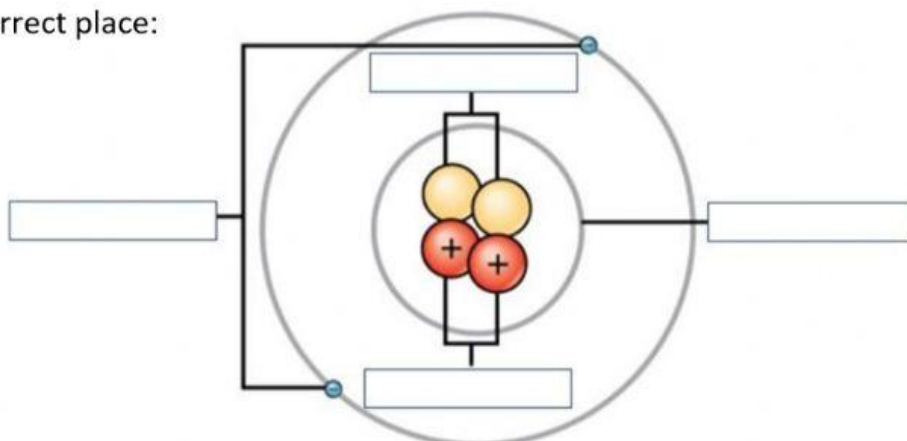|	Weight	Mass
What does it measure?		
What unit is used to measure it?		

20. Put the terms in the correct place:

    Electrons
    Neutrons
    Nucleus
    Protons

21. In the formula **CO₂** 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 _____.