

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:

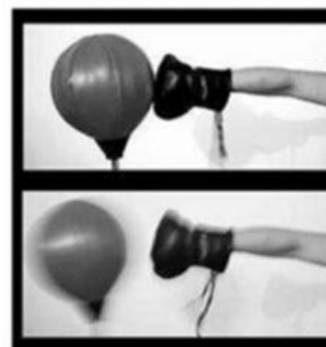
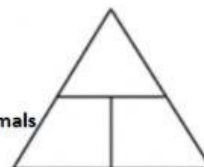
18. If 400,000 Joules of work are done in 20 seconds

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?		

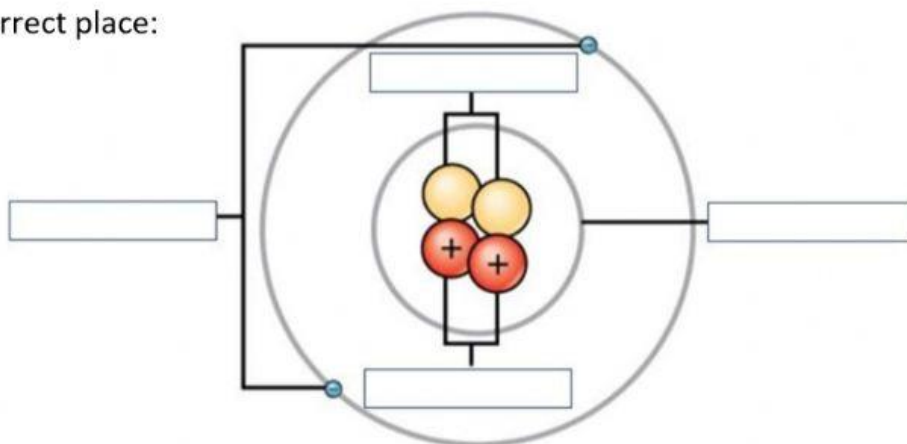
20. Put the terms in the correct place:

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 _____.