

Name: _____ Date: _____
Chemistry

Worksheet

Wave-Particle Duality



Directions: Answer the following with complete thoughts.

What is a photon?

Explain the quantum theory.

List the approximate color of the following wavelengths.

_____ 400 nm	_____ 7.25×10^2 nm
_____ 650 nm	_____ 525 nm

Directions: Describe the following terms.

ground state –

excited state –

quantized –

REVIEW

DIRECTIONS: Read each question carefully and give the best answer for the situation.



_____ What kind of ion is it? _____ How many neutrons?

_____ How many protons? _____ How many electrons?