



Formulas, Letters & Names - What Do They Represent?

Circle the correct answer to the following questions.
(To be used with lyrics to RRR song "Photosynthesis")

FORMULAS, LETTERS

1. The formula CO_2 is the formula for:
oxygen water carbon dioxide salt
2. The combination of water, sun and CO_2 makes:
fructose glucose lactose comatose
3. G3P, a chemical compound, is also a:
protein mineral carbohydrate sugar
4. Light, water, air and space combine to produce:
MTV G3P ATP CO_2
5. In addition to ATP, another product produced in the 'light reaction' is:
 CO_2 H_2O G3P NADPH
6. The carbohydrate which is a product of Calvin cycle is:
 H_2O ATP MTV G3P

NAMES

7. The 'light reaction' happens in the:
thylakoid membrane Calvin cycle Chloroplast G3P
8. Rubisco, refers to:
a carbohydrate a protein a sugar an enzyme
9. The 'dark reaction' is known as the:
G3P Calvin cycle NADPH chloroplast
10. In the set of reactions known as Carbon Fixation, a key component is:
ATPelectrons Rubisco enzyme Calvin cycle