TOSS UP

BIOLOGY

SHORT ANSWER

What is the most common term used in genetics to describe the observable physical characteristics of an organism caused by the expression of a gene or set of genes?

Phenotype

BONUS

BIOLOGY

SHORT ANSWER

What is the biological term most often used for the act of a cell engulfing a particle by extending its pseudopodia (read as: SU-doe-POH-dee-ah) around the particle?

Phagocytosis

TOSS UP

CHEMISTRY

MULTIPLE CHOICE

An aqueous solution in which the concentration of OH– ions is greater than that of H+ ions is: W) BASIC | X) ACIDIC | Y) NEUTRAL | Z) IN EQUILIBRIUM

W OR BASIC

BONUS

CHEMISTRY

SHORT ANSWER

Find the mass of 1 mole of cuprous oxide, or Cu2O. Assume the atomic mass of copper is 64 and oxygen is 16.

144

TOSS UP

PHYSICS

SHORT ANSWER

What property of a sound wave is most commonly associated with loudness?

Amplitude

BONUS

PHYSICS

SHORT ANSWER

What is the MOST common term for the behavior of light where it appears to bend around small obstacles or the spreading out of waves as light passes through pinholes or slits?

Diffraction