Prisoner of Echo Assessment Answer Key

MULTIPLE CHOICE

1. B
2. C
3. D
4. D

SHORT ANSWER

5. Briefly explain the role of echolocation in the game.

[Sample answer: Echolocation was used by the prisoner to navigate through the asteroid. The sound bots used echolocation to try to find the prisoner.]

6. Draw a sound wave and label the following: rarefaction, compression, wavelength, and amplitude.

Longitudinal Wave

RAREFACTION

COMPRESSION

resting position is where the coils are neither conpressed nor rarified

WAVELENGTH

AMPLITUDE