

31. All of the following material would cause diffuse reflections EXCEPT _____.

 - a. fabric
 - b. glass
 - c. leather
 - d. brick

Matching

Directions: Match the description with the correct word (a-k), by writing the correct letter in the space provided. Some of the words may not be used.

- _____ 32. measured in hertz (Hz) a. intensity

_____ 33. used to locate objects under water by b. regular reflection of sounds waves. c. frequency (used by humans) d. pitch

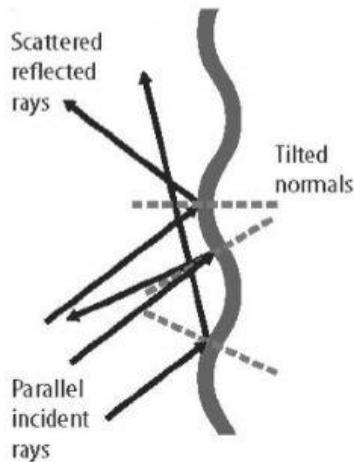
_____ 34. the study of sound. e. Ultrasound

_____ 35. caused by the reflection of a sound wave f. Doppler effect

_____ 36. the way the brain perceives g. echo the intensity of a sound. h. acoustics

_____ 37. finding objects by emitting sound waves i. Echolocation and interpreting the reflected sound j. diffuse (used naturally by animals) k. longitudinal waves

_____ 38. When light reflects off of a rough surface, l. loudness no clear image forms, this is called a m. Sonar reflection.



- ___ 39. amount of sound energy that flows through a given area in a given amount of time
 - ___ 40. the change in pitch of a sound caused by motion of either the sound source or receiver.