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

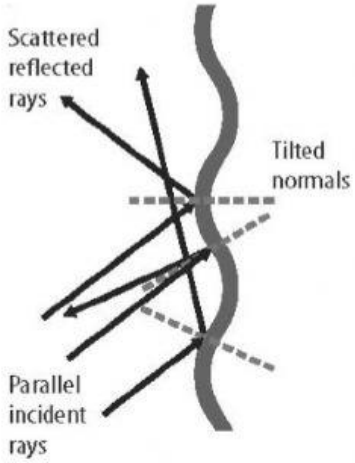
a. fabric
b. glass
c. leather
d. brick

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)
____ 33. used to locate objects under water by reflection of sounds waves. (used by humans)
____ 34. the study of sound.
____ 35. caused by the reflection of a sound wave
____ 36. the way the brain perceives the intensity of a sound.
____ 37. finding objects by emitting sound waves and interpreting the reflected sound (used naturally by animals)
____ 38. When light reflects off of a rough surface, no clear image forms, this is called a ____ reflection.

a. intensity
b. regular
c. frequency
d. pitch
e. Ultrasound
f. Doppler effect
g. echo
h. acoustics
i. Echolocation
j. diffuse
k. longitudinal waves
l. loudness
m. Sonar



____ 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.

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