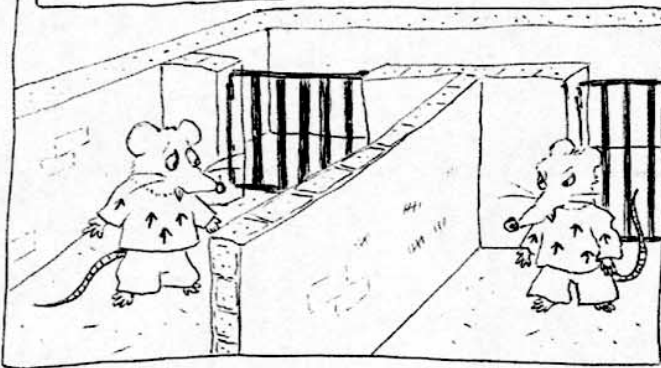
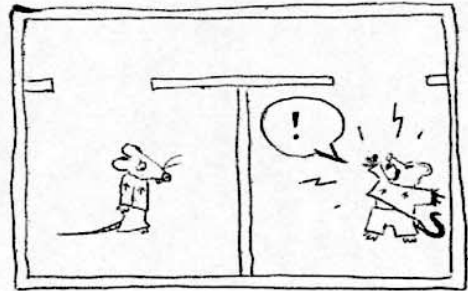


YOU DOITY RAT!

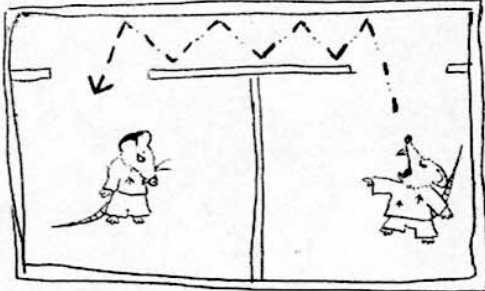
TWO BROTHERS ARE IN JAIL, IN SEPARATE CELLS, WHICH ARE DIVIDED BY A FAIRLY THICK WALL ...



ONE OF THE BROTHERS HAS AN IMPORTANT MESSAGE FOR HIS BROTHER, BUT AS THEY ARE NOT IN THE SAME ROOM, THE SOUND OF HIS VOICE IS AFFECTED IN THREE WAYS BEFORE HIS BROTHER CAN HEAR IT...

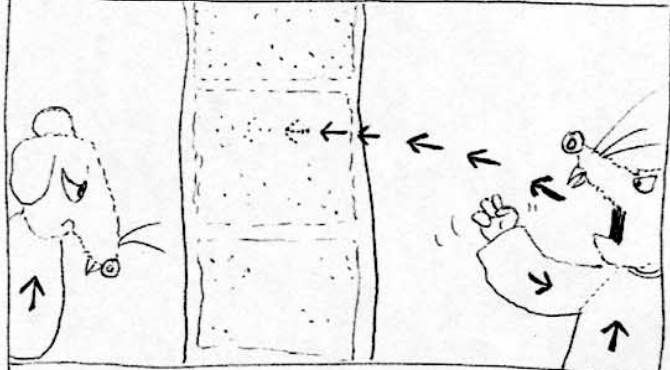


SOME WILL BOUNCE OFF THE WALLS AND DOWN THE CORRIDOR ...



... A SOUND CAN BE REFLECTED

SOME OF THE SOUND WILL BE ABSORBED OR SOAKED UP BY THE WALL ITSELF ...



... A SOUND CAN BE ABSORBED

YET SOME OF THE SOUND WILL ACTUALLY PASS THROUGH THE WALL ... ALTHOUGH IT WILL BE SOMEWHAT MUFFLED ...



A SOUND CAN BE TRANSMITTED

-SO DESPITE THESE DISTURBANCES, THE RAT STILL MANAGES TO HEAR THE MESSAGE AND IS ABLE TO GIVE HIS REPLY ...



REFLECTION
ABSORPTION
TRANSMISSION

THREE WAYS A SOUND CAN BE AFFECTED BY ITS ENVIRONMENT.