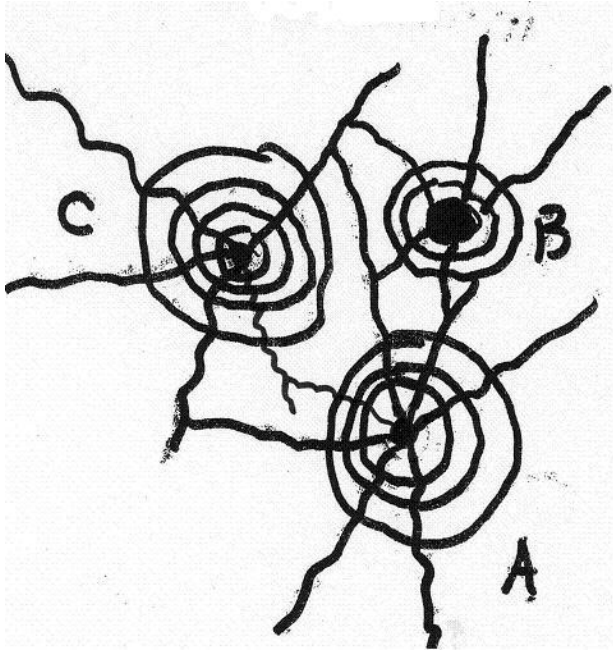


CH 114 Examination of Glass Fractures

The goal of this activity is to examine representations of fractured glass to determine the direction of impact and the sequence of bullets.

Late in the evening, Mr. and Mrs. Lane are in the kitchen getting a bedtime snack and discussing the rise of violence in the neighborhood. The number of burglaries has been steadily increasing since the New Year began. Mr. Lane tries to reassure Mrs. Lane, reminding his wife that he has just put new locks on all the doors and bought a gun for each room in the house, including the kitchen. Mrs. Lane would prefer a watch dog instead of having so many guns in the house and she isn't shy about telling Mr. Lane. With bed time snack in hand, Mrs. Lane heads upstairs to read before bed. Just as she reaches the top of the stairs she stops at the sound of three quick gunshots. She races downstairs to find Mr. Lane standing in the kitchen with a gun in his hand and three bullet holes in the newly installed kitchen window.

Examine the representations from the inside and outside of the Lane's window on the back of this page and determine from which direction the bullets were fired and in what sequence. Briefly explain your reasoning for each in the space below.



Outside

