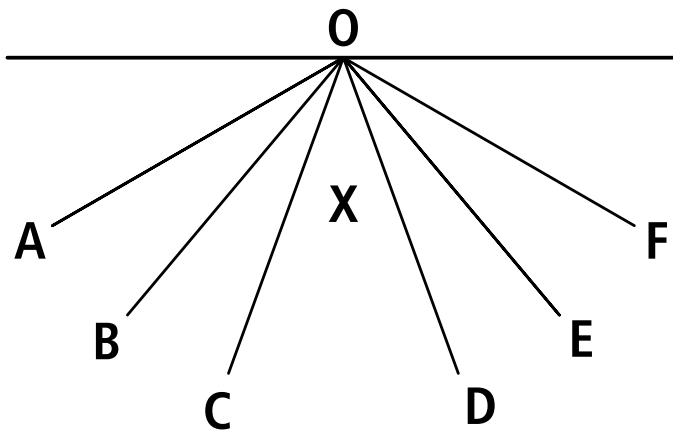


Many Pennies



- 1 Stand two mirrors on lines A and F so that they are touching the O. Put a penny on the "X."
- 2 Hold the mirrors so that you can see the penny in both mirrors.
- 3 Count the number of pennies you see in the mirrors. (Do not count the real penny.) Record the data in the table below on the line for angle A–F.
- 4 Move the mirrors so that they sit on the next angle. Record the data for each angle.



	Angle				
	A–F	A–E	B–E	C–E	C–D
Number of Pennies					

- 5 When did you see the most pennies? When the angle between the mirrors was small or large?
