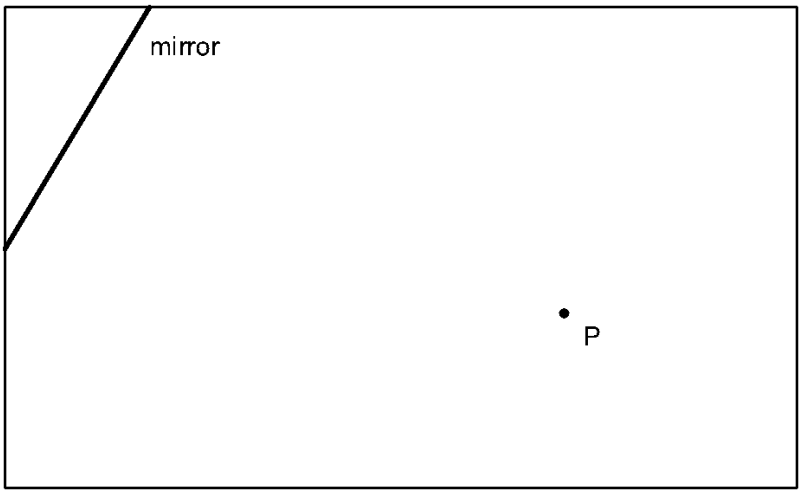
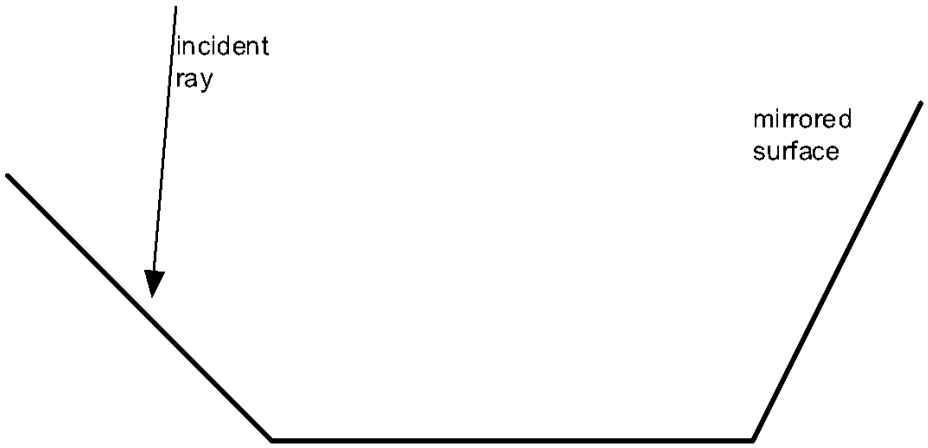
1. Shade the portion of the room that can be seen in the mirror while standing at position P.



2. Trace the incident ray as it reflects from the mirrored surface. Continue until it departs, not to return.



16. Copy Figure 2 into your notebook. Use light rays to determine which of the object(s) would be visible by looking into the mirror from the eye location. (11.7) T/I C

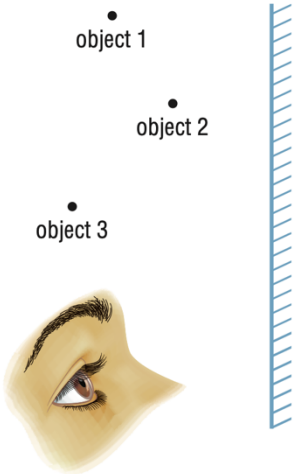
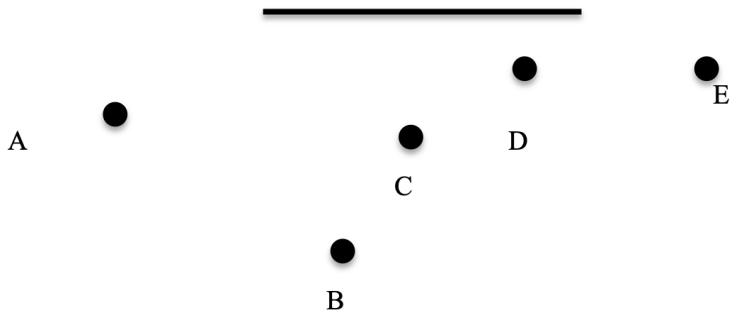


Figure 2

4. Five students are seated at A, B, C, D and E in front of a mirror as shown. Use ray diagrams to determine what students each student can see. You must show your diagrams. Draw your rays from the center of the circle.

Student	Can See
A	
B	
C	
D	
E	



5. Determine the part of the mirror which is used to see the ray AB from point C. You must show your ray diagram. Draw your ray from the center of the circle.