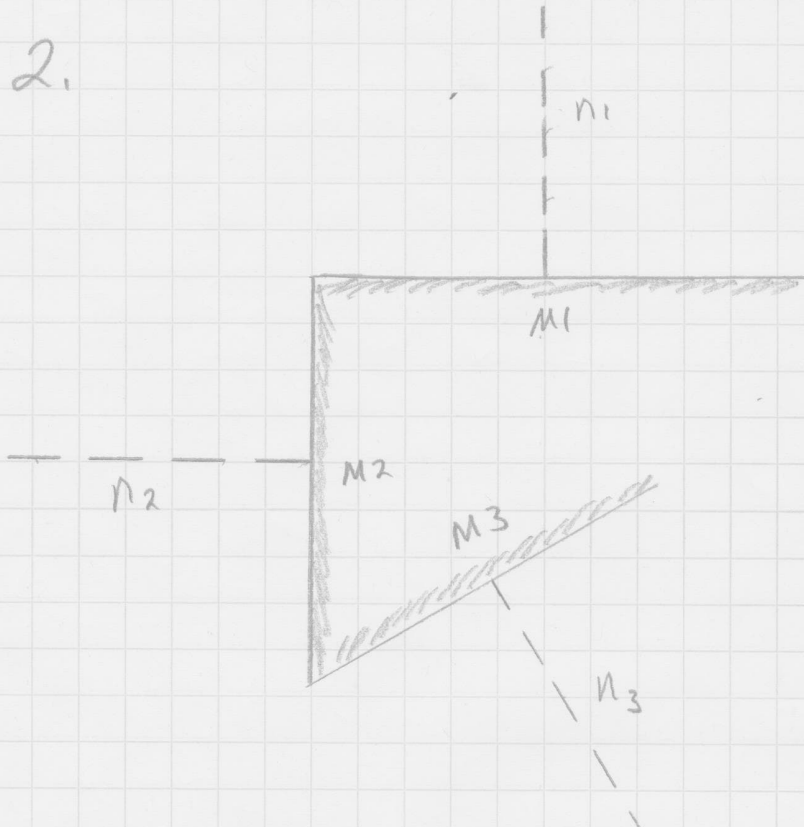


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1. The angle of reflection ( $\theta_r$ ) is formed by the normal and the reflected ray.  
(B)

2.



3. a.  $\theta_i = 30^\circ$   
 b.  $60^\circ$   
 c.  $30^\circ + 20^\circ = 50^\circ$   
 $\theta_i = 50^\circ$   
 d.  $40^\circ$

