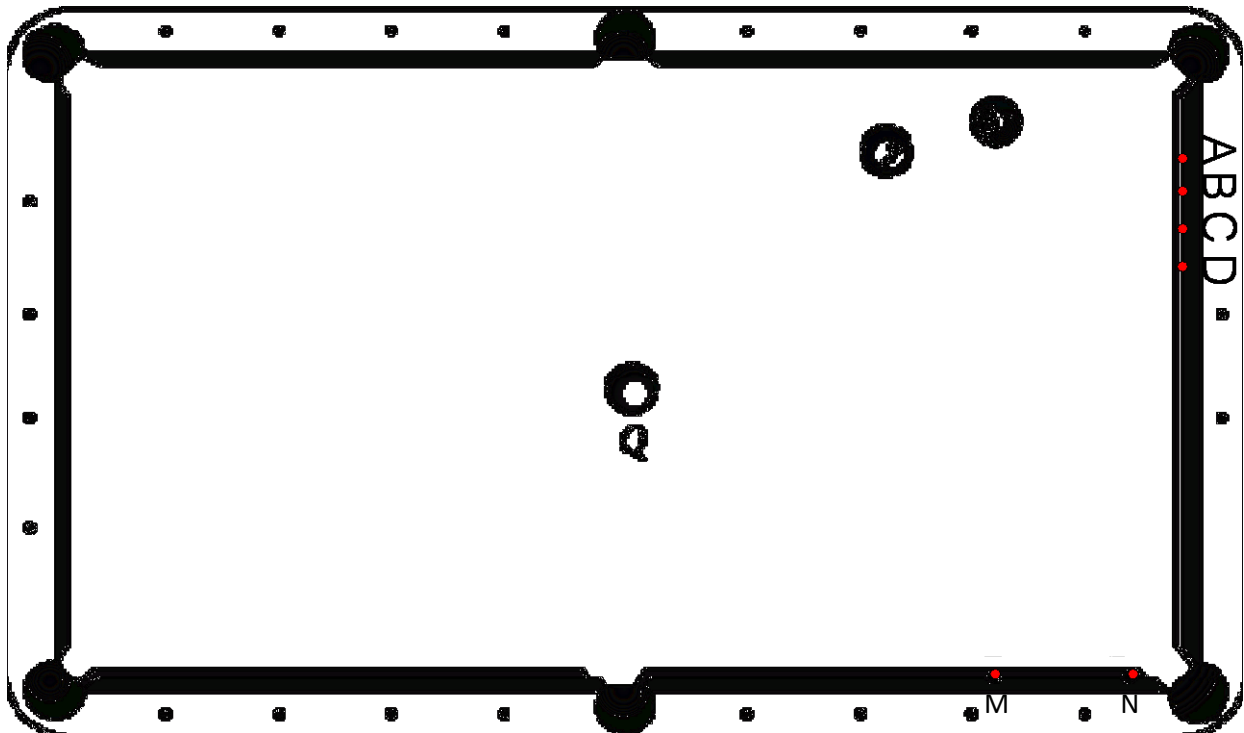


Use your protractor and straight-edge to make perfect pool shots! Show the path of the ball and any angle measurements you make on the diagram below.



1.) Mr. J attempts a trick shot. He wants to bounce the cue ball (Q) off two cushions and hit the 1 ball. He aims at point M. Does he hit the 1 ball?

YES

2.) Which point on the cushion – A, B, C, or D – should the cue ball (Q) hit so that the ray of the outgoing angle passes through the center of the 8 ball?

POINT B

3.) How would you hit the white ball against the cushion so that the ball passes over the same spot on the way back?

THE EASIEST WAY IS TO HIT IT AT A 90 DEGREE ANGLE; HOWEVER, THERE ARE A VARIETY OF ANGLED SHOTS THAT WILL ACCOMPLISH THIS