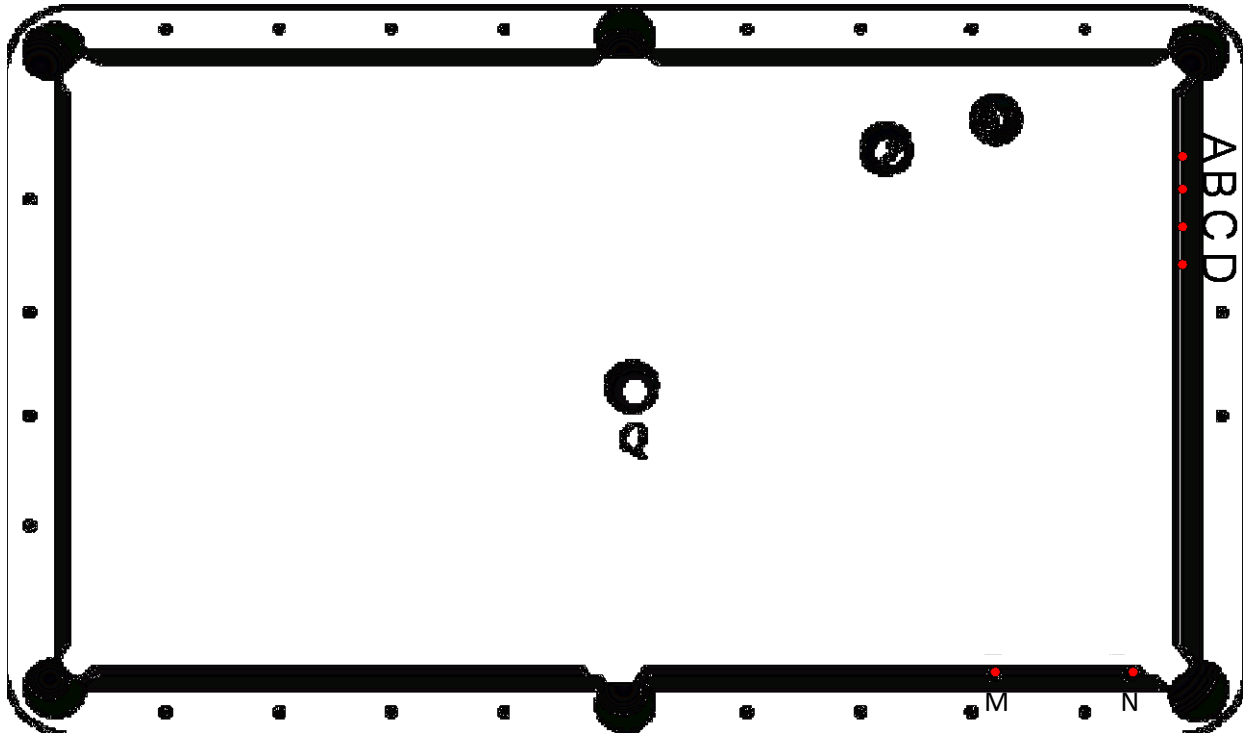


Use your protractor and straight-edge to make perfect pool shots! Show the path of the ball and any angle measurements you make on the diagram below.



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?

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?

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