## gidReliections

Reflection: Transformation that flips a figure.


BILLIARDS Suppose that you must bounce the cue ball off side $A$ before it rolls into the pocket at $B$. Locate the point $C$ along side $A$ that the ball must hit to ensure that it will roll directly toward the pocket.


Reflections in Coordinate Plane





What if you had to reflect over a horizontal or vertical line?

$$
x=3
$$




