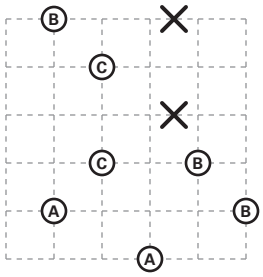
Closed Fence Builders Association

Color some of the squares black such that **o**ne continuous edge can draw all the borders between black squares and white squares. (The outside of the grid is considered to be white squares for the purpose of border determination.) The edge may not intersect or touch itself. Some locations are marked with an X; the edge may not go through them.

Some corners are marked with a letter. Two corners with the same letter always have their incident edges oriented in the same direction and have the same edge lengths going through them. (In the sample puzzle, for exam**p**le, the corners marked A always have a north edge of length 1 and an east edge of length 2; a corner with a north edge of length 2 and an east edge of length 2 would not be allowed to be marked with an A.) There is always at least one unmarked corner between marked corners along the edge.

Sample Puzzle:



Sample Solution: