11. [4 pts] Complete the diagram so that line \( \ell \) is a line of reflection.

12. [8 pts] One of these figures is the image of the other after a rotation about point \( C \). Precisely locate the center of rotation, explaining your technique. (Leave any scratch marks in place for grading purposes.)

Connect "matching" points from the two F's, then construct the perpendicular bisector of the segment you just made. Repeat with a second pair of matching points. Where the bisectors intersect is the center of rotation.