The return of F!

February 5, 2001



I'd like you to draw what happens to a certain subset of the complex numbers, the solid **F** shown in the first picture, under the transformations listed in the other two pictures. First, please answer the questions to the right of the initial graph. The "diagonal" lines are supposed to be $\frac{\pi}{6}$ apart from each other and from the coordinate axes.

The original \mathbf{F} .

