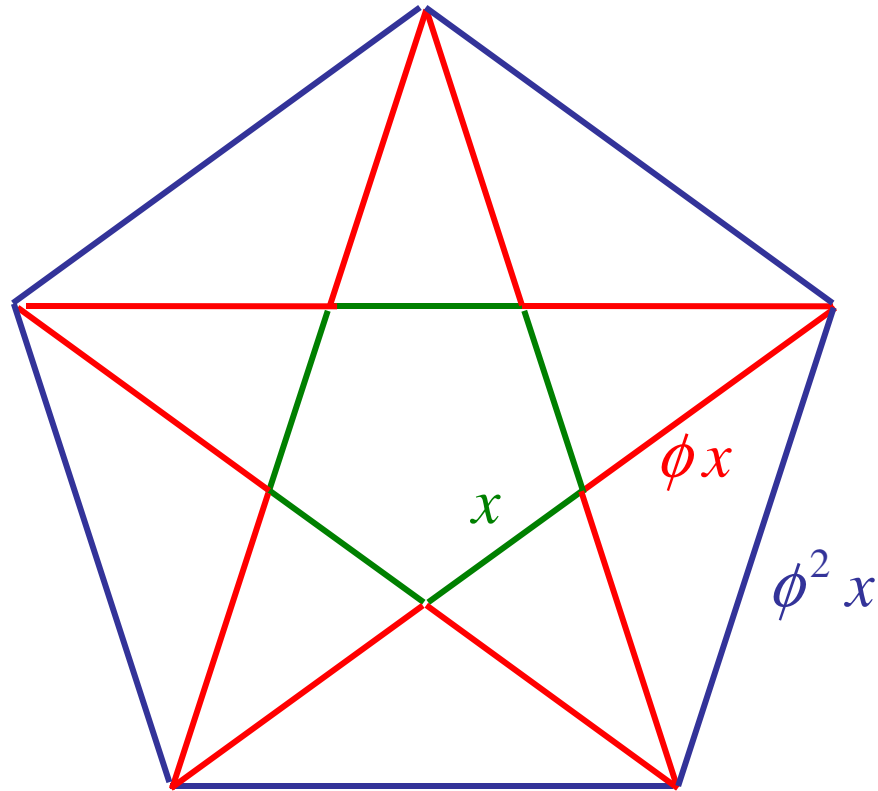


The Golden Ratio & the Pentagon



$$\phi^2 x = x + \phi x$$

$$\phi = (1 + \sqrt{5})/2 = 1.6180339887 \dots$$

$$\phi^{-1} = 0.618034 \dots, \phi^2 = 2.618034 \dots$$