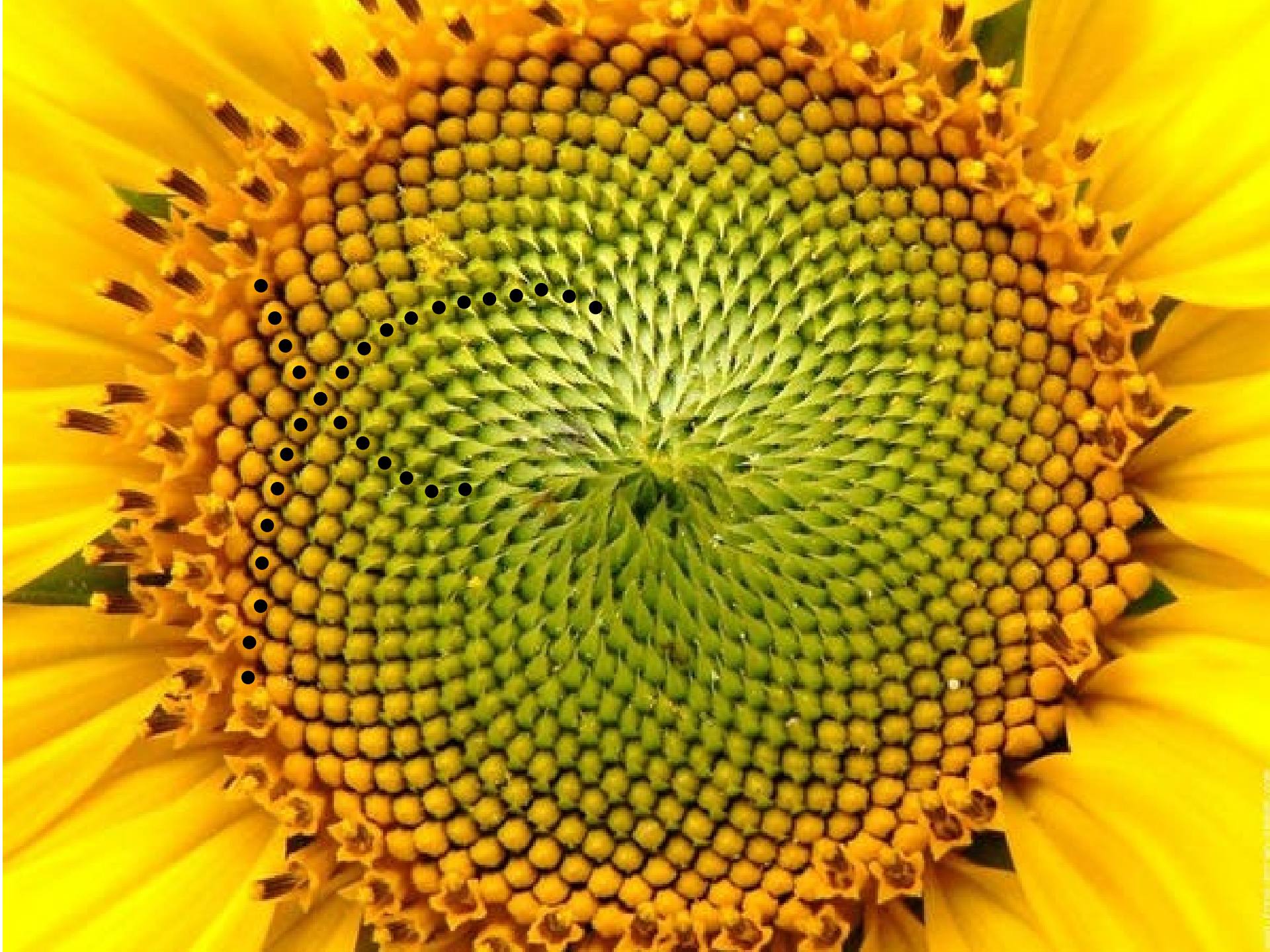


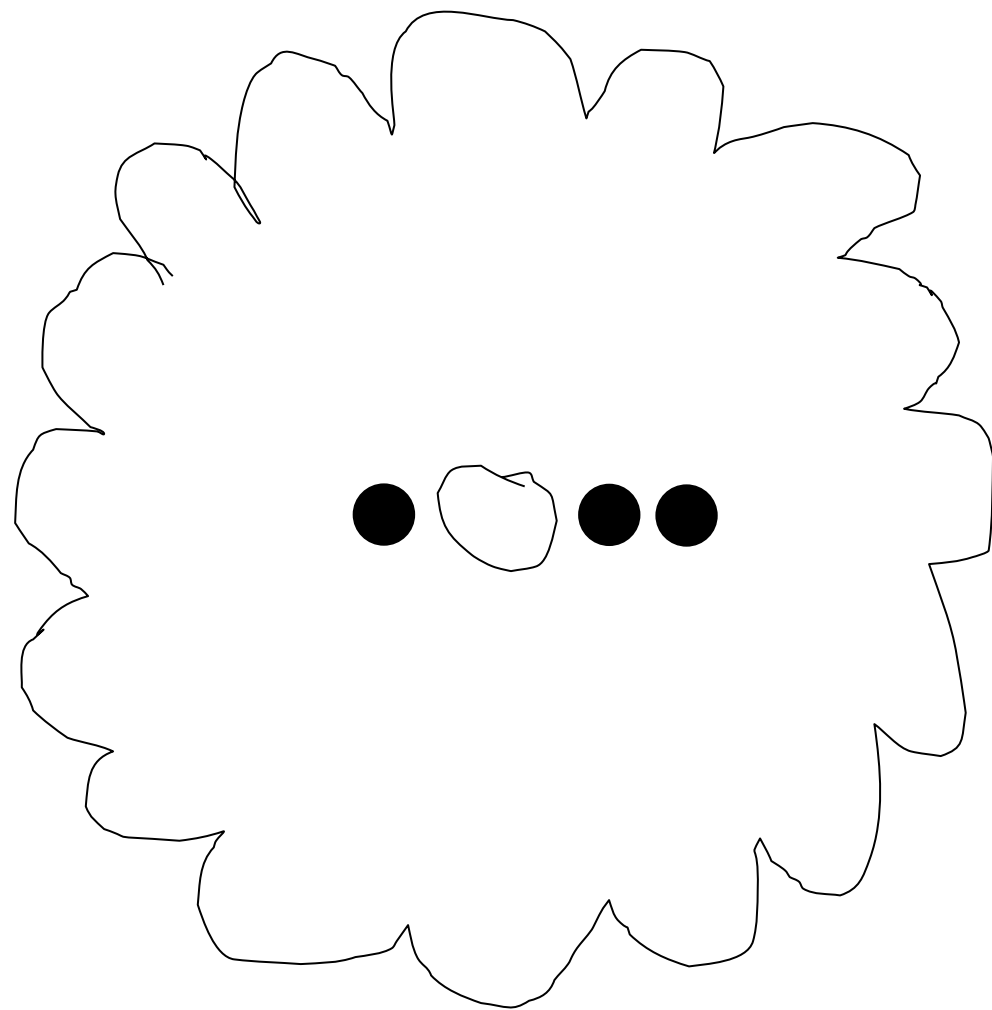
Nombre d'or

Christian Côté

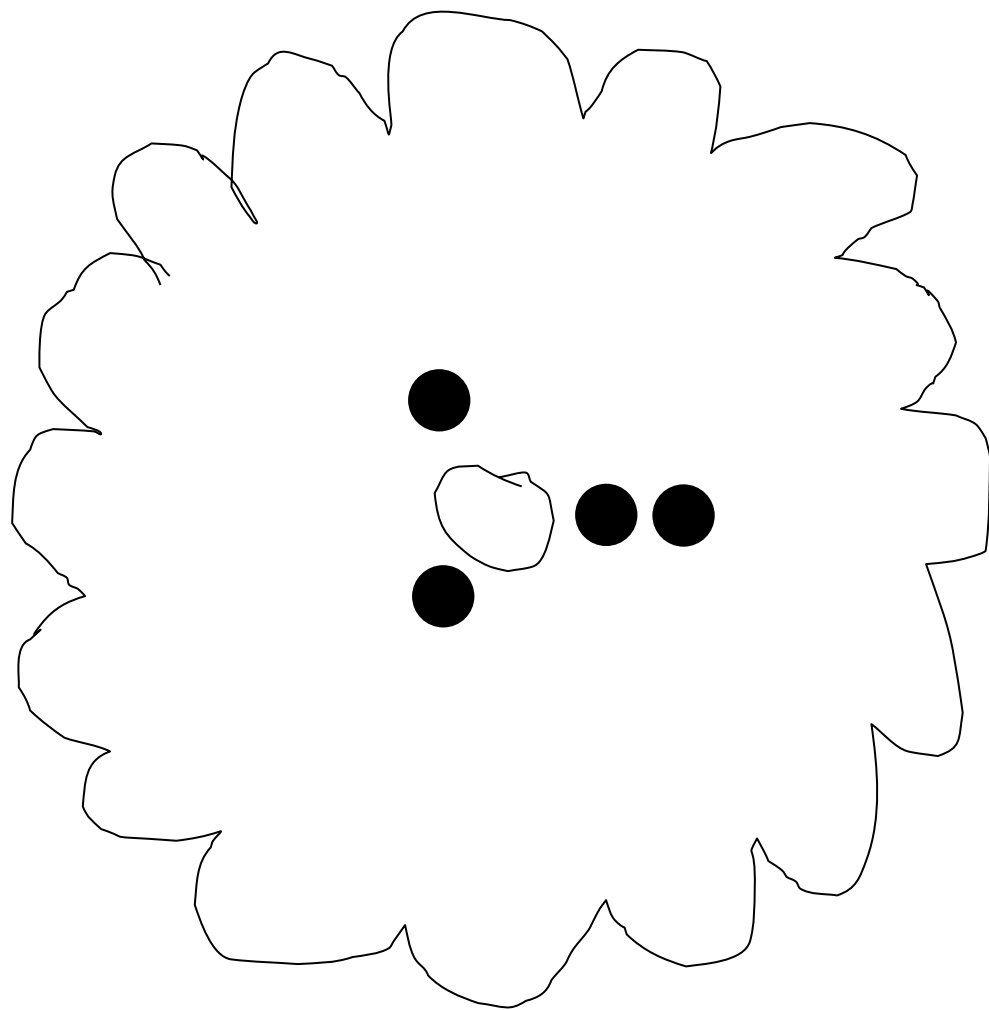
55

34





3,5

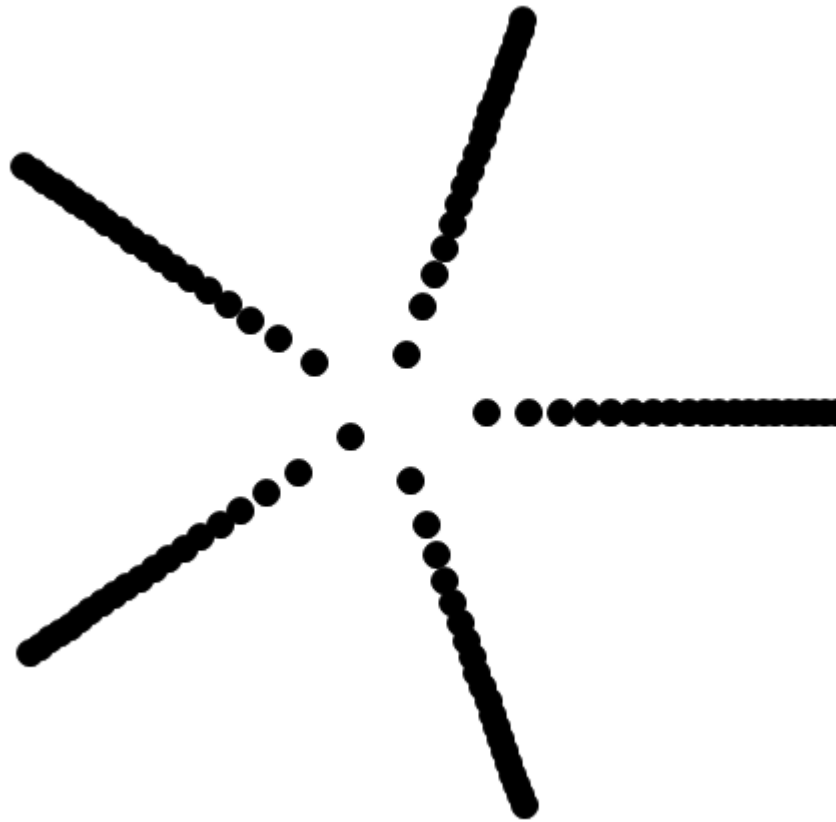


$$\frac{13}{3}$$

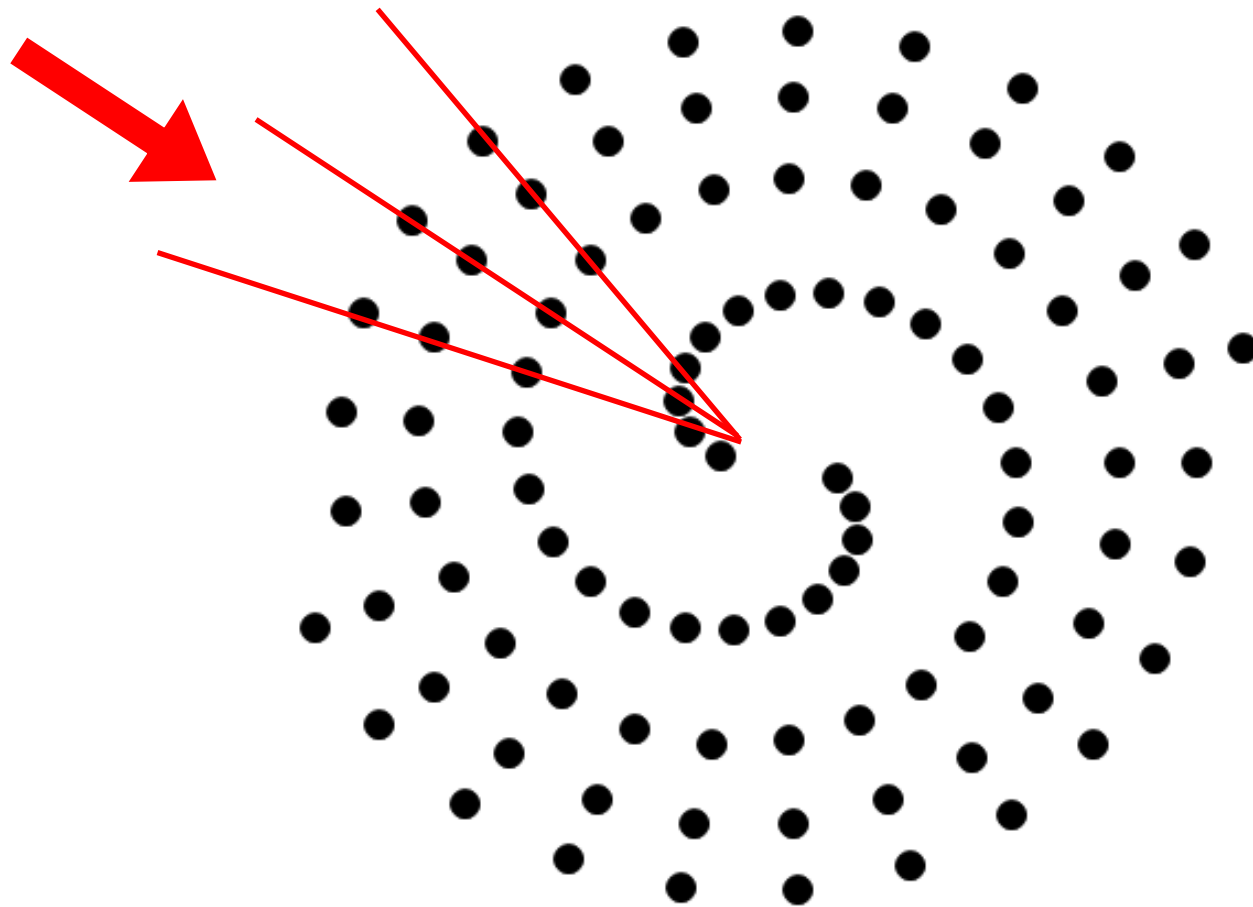
$$0,5 = \frac{1}{2}$$



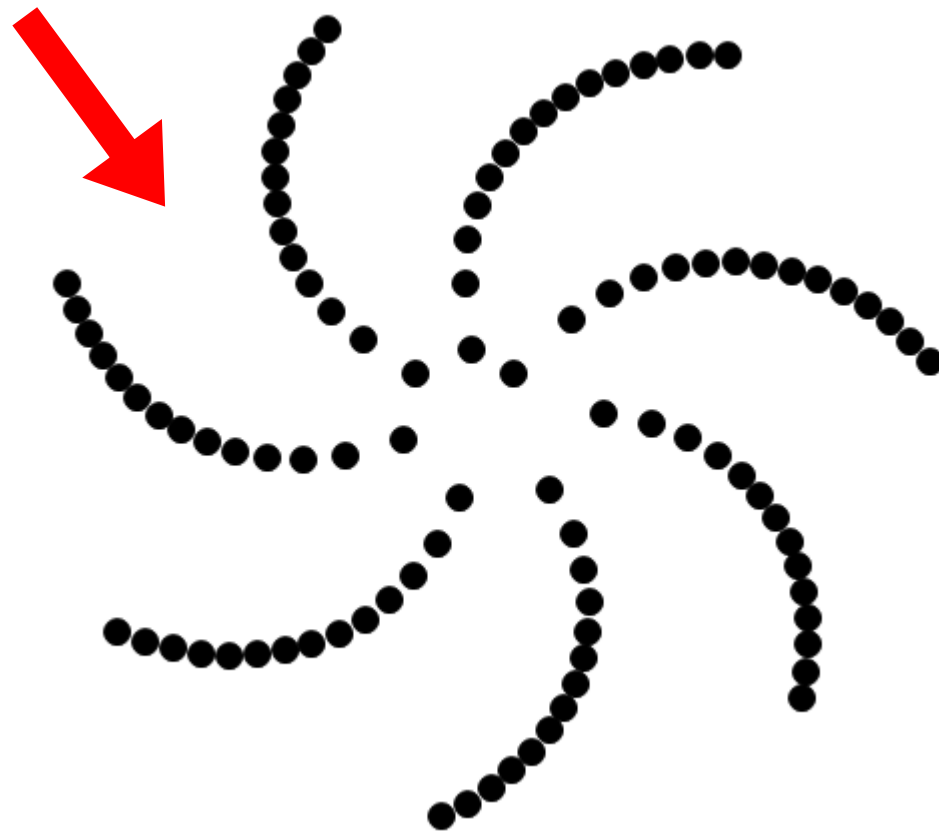
$$0,6 = \frac{3}{5}$$



$$0,48 = \frac{12}{25}$$



$$\pi = 3,14159265358979\dots \approx \frac{22}{7}$$



$$\pi = 3,14159265358979\dots$$

$$\pi = 3 + 0,14159265358979\dots$$

$$\pi = 3 + \frac{1}{7,0625133059\dots}$$

$$\pi = 3 + \frac{1}{7 + 0,0625133059\dots}$$

$$\pi = 3 + \frac{1}{7 + \frac{1}{15,99659441\dots}}$$

$$\pi = 3 + \frac{1}{7 + \frac{1}{15 + 0,99659441\dots}}$$

$$\pi = 3 + \frac{1}{7 + \frac{1}{15 + \frac{1}{1,0034172\dots}}}$$

$$\pi = 3 + \frac{1}{7 + \frac{1}{15 + \frac{1}{1 + 0,0034172\dots}}}$$

$$\pi = 3 + \frac{1}{7 + \frac{1}{15 + \frac{1}{1 + \frac{1}{292 + \frac{1}{\ddots}}}}}$$

$$\pi \approx 3 + \frac{1}{7}$$

$$= 3 + \frac{1}{7} = \frac{21}{7} + \frac{1}{7} = \frac{22}{7}$$

$$\pi = 3 + \frac{1}{7 + \frac{1}{15 + \frac{1}{1 + \frac{1}{292 + \frac{1}{\ddots}}}}}$$

$$\pi = \textcircled{3} + \frac{1}{\textcircled{7} + \frac{1}{\textcircled{15} + \frac{1}{\textcircled{1} + \frac{1}{\textcircled{292} + \frac{1}{\begin{smallmatrix} \cdot \\ \cdot \\ \cdot \end{smallmatrix}}}}}}$$

$$\bigcirc = 1, 2, 3, 4, \dots$$

$\bigcirc = 1, 2, 3, 4, \dots$

$$\varphi = 1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \ddots}}}}$$

$$\varphi = 1 + \frac{1}{\quad}$$

$$\varphi = 1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{\ddots}}}}$$

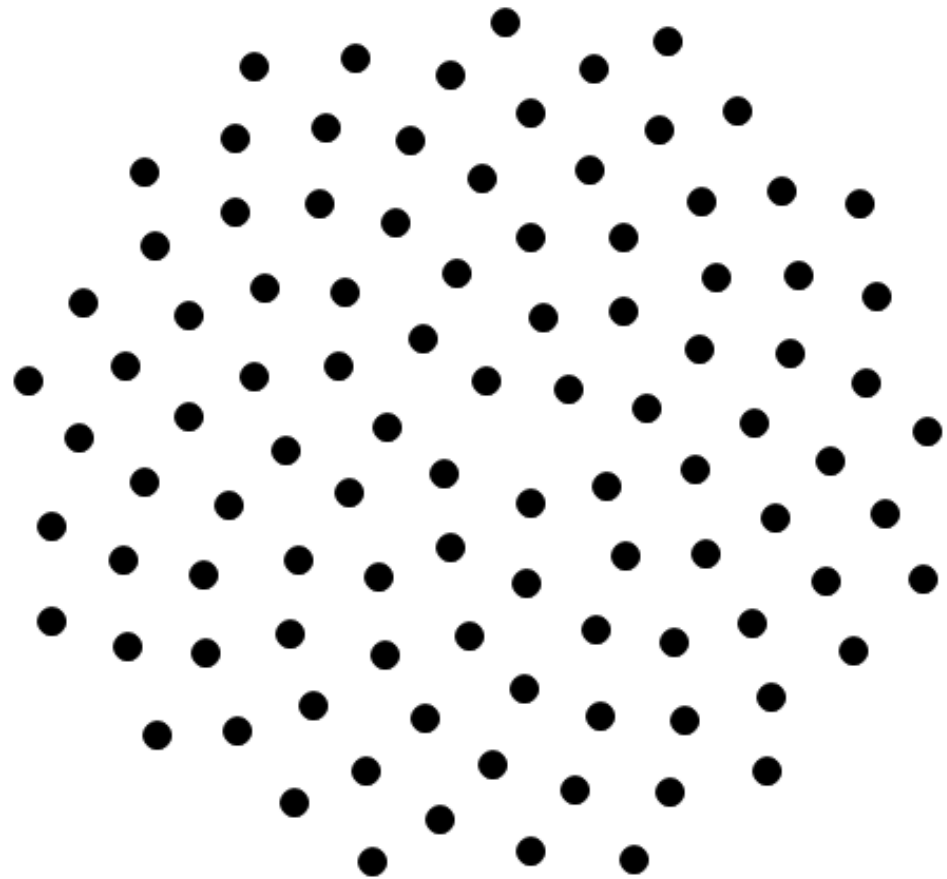
$$\varphi = 1 + \frac{1}{\varphi}$$

$$\varphi^2 = \varphi + 1$$

$$\varphi^2 - \varphi - 1 = 0$$

$$\varphi = \frac{1 \oplus \sqrt{5}}{2} = 1,618033988\dots$$

$$\varphi = 1,618033988\dots$$



$$\frac{55}{34}$$

1,617647...

