

$$1 + 2^{2^t} : t = 0:1:2:3:4$$

$$1 + 2^{2^0} = 1 + 2^1 = 3$$

$$1 + 2^{2^1} = 1 + 2^2 = 5$$

$$1 + 2^{2^2} = 1 + 2^4 = 17$$

$$1 + 2^{2^3} = 1 + 2^8 = 257$$

$$1 + 2^{2^4} = 1 + 2^{16} = 65537$$

$$1 + 2^{2^5} = 1 + 2^{32} = 641 \cdot 6700417$$

$$1 + 16^{2\pi/17} \mathbf{c} = \sqrt{17} + \sqrt{34 - 2\sqrt{17}} + 2\sqrt{17 + 3\sqrt{17} - \sqrt{34 - \sqrt{17}} - 2\sqrt{34 + 2\sqrt{17}}}$$

$$3 \sqrt[1/3]{2^{1/3} - 1} = 3^{1/3} - 6^{1/3} + 12^{1/3}$$