

$$a^2 + b^2 = c^2$$

$$1^2 + 1^2 = c^2$$

$$1+1 = \sqrt{2}$$

$$\sqrt{2} = 1.41$$

$$1^2 + 1.41^2 = c^2$$

$$1 + 1.99 = c^2$$

$$\sqrt{2.99} = 1.73$$

$$1^2 + 1.72^2 = c^2$$

$$1+2.97 = c^2$$

$$\sqrt{3.97} = 1.99$$

$$1^2 + 1.99^2 = c^2$$

$$1+3.96 = c^2$$

$$\sqrt{4.96} = 2.23$$

