

$$1. a = 65 - 65 = 0$$

$$b = 98 - 97 = 1$$

$$c = 84 - 65 = 19$$

$$2. b = 1 < 2 \Rightarrow$$

$$X = a^2 + (5b)^2 + c^2 = 0 + 25 + 361 \\ = 386$$

$$3. b = 1 < 2 \Rightarrow$$

$$y = 386^{\frac{2}{3}} = \sqrt[3]{386^2} \\ \approx 53$$

$$4. \text{start} = \ln(y/8 + 0.5)^* 8 + 1 =$$

$$= \ln(53/8 + 0.5)^* 8 + 1 =$$

$$= 54$$