



6

**SOLVE**

$$x^x = 7^{98}$$

7

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$$ab + ca = 10$$

$$bc + ed = 7$$

$$bb + cc = 17$$

$$aa + da = 10$$

$$d = ?$$

8

$$a = \frac{1 + \sqrt{5}}{2}$$

The  
Golden  
Ratio!

$$a^{12} = ?$$

9

$$2^{x-x^2} = \frac{1}{16^x}$$

Noel.

10

**Solve this**

$$y = ?$$