Name: Jerry Jiang

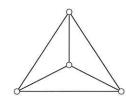
Mark each of the following statements as true or false.

$$\sqrt{}$$
 1. $5^{\log_5 17} = 17$.

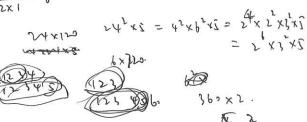
$$\sqrt{}$$
 2. The number 360 has 24 positive divisors. $6 \times 6 \times (0)$ $2 \times 3 \times 1 \times 3 \times 1 \times 5 = 2^3 \times 3^2 \times 5^4$

$$\sqrt{\frac{7}{3}} \quad 3. \quad {}^{n}C_{5} \times 5! = {}^{n}P_{5}. \qquad \frac{n!}{(n-5)! \; 5!} \quad \cdot 5! = \frac{n!}{(n-5)!} \quad \frac{4 \times 3 \times 2}{5 \times 5!} = 24$$

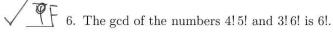
 $\sqrt{}$ 5. The complete graph on four vertices (drawn below) has $\binom{4}{2}$ edges.

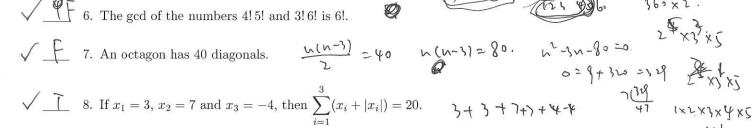






3.





I'm so disappointed in you, Jerry -- WHERE IS THE BONUS MARK?

