$$G(n) = 87 \binom{n}{2} + 1000n^{2}$$

$$G = 8 \cdot b = 2 \cdot 10 = 2 \cdot p = 0$$

$$80 > 4 = 0 \binom{n \log a}{b}$$

$$= 0 \binom{n \log a}{2}$$

$$= 0 \binom{n 4}{2}$$

(a)
$$T(n) = 2T(\frac{n}{2}) + n^{2}$$
 $a = 2$, $b = 2$, $|c = 2|$, $|c = 3|$, $|$