Eleven pizza cuts: 67 pieces!

Prime. Cousin prime, with 71.

Irregular prime. (only 37, 59 and 67 here)

67 | 18^3 + 1 but 18 \not| 67 - 1
so 67 is a Pillai prime.

Siegman number. (so is 163)

\( \mathbb{Z}(\sqrt{-67}) \) has unique factorization.

67 = 3^2 + 3^2 + 7^2 uniquely

\( \mathbb{Q}(\sqrt{-67}) \) has class number 1. (no does \( \mathbb{Q}(\sqrt{-63}) \))

\( 2^{67} + 3 \) is also prime; largest such known
(also 2^3 + 3 and 2^5 + 3 prime)

67^2 (1! + 2! + 3!) = 1! + 2! + 3! + 6! + 9!

67^2 + 2244^2 = 2245^2