1. Let N = 20 · 30 · 50 · 70 · 90 · 110 · 130. What is the smallest prime number that is not a factor of N? Answer: 17
2. How many perfect squares are there between 2 and 140? Answer: 10
3. How many zeros does $(30!) \div (4 \times 5!)$ end in? Answer: 5
4. What is the units digit of $[7^{15}]^3$? Answer: 7