## The Challenge(s)

1. How many hot dogs were on the grill before Kobayashi ordered the first hot dog?
2. How many hot dogs would each person eat in Round 20?
3. How many hot dogs would each person eat in Round n?
4. How many total hot dogs would each person have eaten in Round 20?
5. How many total hot dogs would each person have eaten in Round $n$ ?
6. How many hot dogs would Kobayashi have to eat to catch up to Sonya after Round 20 is over?
7. How many hot dogs would Kobayashi have to eat to catch up to Sonya after Round n is over?
