Brain Teaser Battle

Choose one answer per question. Circle A, B, C, or D.

1. A sequence starts 2, 4, 8, 16 and doubles each time. What comes next?
   A. 32
   B. 24
   C. 30
   D. 64

2. If today is Wednesday, what day is three days later?
   A. Sunday
   B. Friday
   C. Saturday
   D. Monday

3. Two separate triangles have how many sides in total?
   A. Five
   B. Six
   C. Seven
   D. Eight

4. What number makes this equation true: 7 + ? = 19?
   A. 26
   B. 11
   C. 13
   D. 12

5. Mia is taller than Jo. Jo is taller than Ali. Who is shortest?
   A. Mia
   B. Ali
   C. Jo
   D. Cannot be determined

6. Which combination of U.S. quarters and dimes totals 35 cents?
   A. One quarter and one dime
   B. Two quarters
   C. Two dimes
   D. One quarter and two dimes

7. A sibling is twice your age. You are 10. How old will that sibling be when you are 15?
   A. 35
   B. 30
   C. 20
   D. 25

8. Three friends each play one game against every other friend. How many games are played?
   A. Nine
   B. Six
   C. Three
   D. Two

9. One of two boxes contains a prize. A says 'The prize is in B.' B says 'The prize is not in B.' Exactly one label is true. What can you determine?
   A. Either box could contain it
   B. It must be in A
   C. It must be in B
   D. Neither box contains it

10. A rope takes 60 minutes to burn from either end. Sections burn unevenly, but each section burns at the same rate from either direction. If both ends are lit at once, when is it consumed?
   A. It cannot be known
   B. 15 minutes
   C. 45 minutes
   D. 30 minutes

11. Two fair six-sided dice are rolled. Which total is most likely?
   A. 8
   B. 6
   C. 7
   D. 12

12. Five identical machines make five parts in five minutes. At that constant rate, how long do 100 machines take to make 100 parts?
   A. One minute
   B. Five minutes
   C. Twenty minutes
   D. One hundred minutes

13. A drawer has only red and blue socks. Without looking, how many socks guarantee at least two of one color?

A. Five
B. Two
C. Four
D. Three

14. A fair coin is flipped four times. How many possible ordered outcomes contain exactly two heads?

A. Six
B. Four
C. Eight
D. Twelve

15. Three boxes contain only apples, only oranges, and a mixture—one box of each. They are labeled Apples, Oranges and Mixed, but every label is wrong. From which box should you draw one fruit to identify all three?

A. The box labeled Oranges
B. The box labeled Apples
C. The box labeled Mixed
D. No single draw can work