

Critical Thinking

Hello Learners,

As we have completed the classes on Critical thinking students now have to go through an exercise of solving a Critical Thinking Assessment.

We are sharing a total of 5 scenarios with you which needs to be solved.

Scenario 1: You have a 3-liter container and a 5-liter container. The containers have no markings on them. How can you measure exactly 4 liters of water using only these two containers?

Scenario 2: In a spelling bee competition, there are 12 participants. Each participant competes against every other participant exactly once. How many total matches will be played?

- A) 66 matches
- B) 55 matches
- C) 12 matches
- D) 6 matches

Scenario 3: Sarah is twice as old as John. In six years, Sarah's age will be three times John's age. How old is John now?

- A) 4 years old
- B) 6 years old
- C) 8 years old
- D) 10 years old

Scenario 4: You have a basket containing 5 red apples, 3 green apples, and 2 yellow apples. You close your eyes and randomly pick three apples from the basket. What is the probability that you will have at least one green apple among the three apples you picked?

- A) $\frac{1}{2}$
- B) $\frac{2}{5}$
- C) $\frac{3}{5}$
- D) $\frac{4}{5}$

Scenario 5: A car travels from Town A to Town B at an average speed of 60 miles per hour. On the return journey from Town B to Town A, the car encounters heavy traffic and can only travel at an average speed of 30 miles per hour. What should be the car's average speed on the entire round trip to maintain an overall average speed of 45 miles per hour?

- A) 40 miles per hour
- B) 45 miles per hour
- C) 50 miles per hour
- D) 55 miles per hour

NOTE:- Students need to submit their answers in a document & should explain scenarios wherever necessary & submit the document.

Thank you,
Testbook Skill Academy

