

11+ Non■Verbal Reasoning – Practice Pack

Questions (Multiple Choice) • Choose A, B, C or D

1. Sequence – Arrows: $\rightarrow \uparrow \leftarrow \downarrow \rightarrow \uparrow \leftarrow ?$

- A) $\downarrow$
- B) $\rightarrow$
- C) $\uparrow$
- D) $\leftarrow$

2. Shape rotation: triangle points $\uparrow$, then ■, then $\rightarrow$, then ■. What next?

- A) $\downarrow$
- B) ■
- C) $\uparrow$
- D) ■

3. Odd one out (rotation rule):

- A) ▲ rotating 90° each step
- B) ■ rotating 45° each step
- C) ★ rotating 90° each step
- D) ■ rotating 90° each step

4. Code pattern: Square=4, Triangle=3, Pentagon=5. Decagon = ?

- A) 8
- B) 10
- C) 12
- D) 6

5. Mirror line: vertical reflection looks like...

- A) Flipped upside-down
- B) Flipped left–right
- C) Rotated 180°
- D) No change

6. Matrix logic (row consistency): ▲ ▲ ▲ / ● ● ● / ■ ■ ?

A) ●

B) ▲

C) ■

D) ★

7. Analogy: ■ is to ■ as ■ is to...

A) ■

B) ●

C) ■

D) ■

8. Pattern completion: ◆ ■ ◆ ■ ◆ ■ ?

A) ◆

B) ■

C) ■

D) ■

9. Series of dots in a shape: 2, 4, 6, 8, ?

A) 10

B) 12

C) 4

D) 14

10. Combined rule: star rotates 90° each step and switches colour (black↔white). Next?

A) White star ↑

B) Black star ↑

C) White star →

D) Black star →

Answers & Explanations

- 1) A — The sequence cycles $\rightarrow \uparrow \leftarrow \downarrow$; next after $\leftarrow$ is $\downarrow$.
- 2) B — The triangle keeps rotating clockwise: $\uparrow$, $\blacksquare$, $\rightarrow$, $\blacksquare$, $\downarrow$, $\blacksquare$... Next is $\blacksquare$.
- 3) B — Only option B rotates 45° ; the others rotate 90° .
- 4) B — A decagon has 10 sides.
- 5) B — A vertical mirror flips left–right (not upside-down).
- 6) C — Each row is consistent; bottom row remains $\blacksquare \blacksquare \blacksquare$.
- 7) B — Hollow square $\rightarrow$ solid square; hollow circle $\rightarrow$ solid circle ($\bullet$).
- 8) B — Alternates $\blacklozenge \blacksquare$ repeatedly; next is $\blacksquare$.
- 9) A — Adds 2 each time: 2, 4, 6, 8, 10.
- 10) A — Colour toggles each step; direction cycles back to $\uparrow$ after $\rightarrow$.