



Critical & Flexible Thinking

- Spot patterns and connections
- Compare and evaluate information
- Think beyond the obvious answer

1) All the blue boxes contain a pencil. Some boxes containing a pencil are large.
Which statement must be true?

- A) All large boxes are blue.
- B) Some blue boxes are large.
- C) All blue boxes contain a pencil.
- D) No small boxes contain a pencil.

2) Find the missing number: 3, 6, 12, 24, 48, ?

- A) 72
- B) 84
- C) 96
- D) 108



3) Lucy is taller than Ben. Ben is taller than Sam. Tom is shorter than Lucy but taller than Ben.

Who is the second tallest?

- A) Lucy
- B) Tom
- C) Ben
- D) Sam

4) Which word does not belong?

- A) Violin
- B) Piano
- C) Trumpet
- D) Guitar
- E) Harp



5) In a code, CAT becomes DBU.

Using the same rule, what does FISH become?

- A) GJTI
- B) GJSH
- C) EJRG
- D) GJTH

6) A teacher says:

“Every pupil who completed the homework received a sticker. Jack received a sticker.”

Which conclusion is definitely correct?

- A) Jack completed the homework.
- B) Jack did not complete the homework.
- C) Jack may or may not have completed the homework.
- D) Jack completed more homework than everyone else.

7) What comes next?

2, 5, 11, 23, 47, ?

- A) 71
- B) 89
- C) 95
- D) 97



8) Four children—Amy, Ben, Cara and Dan—finish a race.

Amy finishes before Ben. Cara finishes after Dan. Ben finishes before Cara.

Who could have finished first?

- A) Amy only
- B) Dan only
- C) Amy or Dan
- D) Ben or Dan

9) There are three boxes labelled APPLES, ORANGES, and APPLES & ORANGES.
Every label is wrong.

You may take one fruit from one box, without looking inside.

Which box should you choose a fruit from first to work out the correct labels for all three boxes?