

**YEAR 5**

Number Codes, Logic and the Alphabet

Write the alphabet across the top of your paper with the numbers underneath before you begin. It takes twenty seconds and saves far more than that.

Name: _____

Date: _____

Score: _____

Section A • Letters as numbers

A = 1, B = 2, and so on to Z = 26.

① Using A = 1, B = 2 and so on, write **CAB** in code.

② Using A = 1, B = 2 and so on, write **FISH** in code.

③ Using A = 1, B = 2 and so on, write **MILK** in code.

④ Using the same code, what word is **4 15 7**?

⑤ Using the same code, what word is **8 1 20**?

⑥ Using the same code, what word is **3 21 16**?

Section B • Moving through the alphabet

Count carefully. Most mistakes here are off by one.

① Which letter is 5 letters after M?

② Which letter is midway between B and H?

3 Which letter is 4 letters before P?

4 Which letter is 3 letters before T?

5 Which letter is the 8th letter of the alphabet?

6 Which letter is midway between D and P?

7 Which letter is 4 letters before Z?

Section C • Logic and deduction

Write the information down in order before you answer.

1 Tom is taller than Ann. Ann is taller than Sam. Who is the shortest?

2 All Zogs are Blips. All Blips are red. Are all Zogs red?

3 Sara is 3 years older than Ben. Ben is 2 years younger than Mia. Mia is 10. How old is Sara?

4 In a queue of five, Jo is second from the front and Kim is directly behind Jo. What position is Kim in?

5 Five children run a race. Ali beats Ben. Ben beats Cara. Cara beats Dan. Who came last of these four?

6 A box holds 4 pencils. Three boxes are opened and 5 pencils are used. How many pencils are left?

7 Monday is the 3rd of the month. What day of the week is the 17th?

