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# WORLD INTERNATIONAL MATHEMATICAL OLYMPIAD FINAL 2018

## Answer Sheet

### Instructions to Contestants:

1. Each contestant should have ONE Question Book & ONE Answer Sheet which BOTH CANNOT be taken away.
2. There are 5 exam areas and 6 questions in each exam area. There are a total of 30 questions. Each carries 5 marks. Total score is 150 marks. No points are deducted for incorrect answers.
3. All answers should be written on ANSWER SHEET.
4. NO calculators can be used during the contest.
5. All figures in the paper are not necessarily drawn to scale.
6. The Question Book will be collected at the end of the contest.

THIS Answer Sheet CANNOT BE TAKEN AWAY.  
DO NOT turn over Question Book without approval of the examiner.  
Otherwise, contestant may be DISQUALIFIED.

| Number            | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|-------------------|---|---|---|---|---|---|---|---|---|
| How do you write? |   |   |   |   |   |   |   |   |   |

|                  |  |                   |  |
|------------------|--|-------------------|--|
| Admission ID#:   | <div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div> | Seat No.:         | <div><div></div><div></div><div></div></div> |
| Contestant Name: |  | Contestant Grade: |  |

Fill all the information above in BLOCK LETTER.  
For Contestants who cannot provide the correct personal information, WIMO will reserve the right in disqualification.

| Logical Thinking     |     |   | Number Theory |     |   | Combinatorics |     |   |
|----------------------|-----|---|---------------|-----|---|---------------|-----|---|
| 5                    | 1)  | 5 | 5             | 13) | 5 | 5             | 25) | 5 |
| 5                    | 2)  | 5 | 5             | 14) | 5 | 5             | 26) | 5 |
| 5                    | 3)  | 5 | 5             | 15) | 5 | 5             | 27) | 5 |
| 5                    | 4)  | 5 | 5             | 16) | 5 | 5             | 28) | 5 |
| 5                    | 5)  | 5 | 5             | 17) | 5 | 5             | 29) | 5 |
| 5                    | 6)  | 5 | 5             | 18) | 5 | 5             | 30) | 5 |
| Arithmetic / Algebra |     |   | Geometry      |     |   |               |     |   |
| 5                    | 7)  | 5 | 5             | 19) | 5 |               |     |   |
| 5                    | 8)  | 5 | 5             | 20) | 5 |               |     |   |
| 5                    | 9)  | 5 | 5             | 21) | 5 |               |     |   |
| 5                    | 10) | 5 | 5             | 22) | 5 |               |     |   |
| 5                    | 11) | 5 | 5             | 23) | 5 |               |     |   |
| 5                    | 12) | 5 | 5             | 24) | 5 |               |     |   |

| Marker Use Only   |                   |               |                   |                   |   |
|-------------------|-------------------|---------------|-------------------|-------------------|---|
| Marker's Code     |                   | Marker's Code |                   |                   |   |
| Section Sub-total |                   |               | Section Sub-total |                   |   |
| A                 | B                 | C             | A                 | B                 | C |
| #                 | 總分<br>Total Score |               | #                 | 總分<br>Total Score |   |