STUDENT COPY · PRACTICE PAPER

Class 3 · Mathematics — Ordering Numbers

Total questions	Total marks	Time	Negative marking
25	25	60 minutes	None

Name: _____ Class/Section: _____ Roll no: _____

Each question has four options, of which only one is correct. Mark your answer on the answer sheet. Your teacher has the answers.
This is original practice material written to the Level 1 pattern. It is not a past paper and is not affiliated with SOF or any official olympiad body.

Scan to practise 10 of these questions online with instant marking and worked solutions - free, no signup.
syllabax.com/olympiad/imo/class/3/topic/ordering-numbers

Ordering Numbers

25 questions · 1 mark each · 25 marks

Q1. Using each of the digits 2, 0, 4, 3 exactly once, what is the smallest 4-digit number that can be formed?

(A) 2043 (B) 4320 (C) 0234 (D) 2034

Q2. Arrange 97, 253, 115 from smallest to greatest.

(A) 115 < 97 < 253 (B) 97 < 115 < 253

(C) 253 < 115 < 97 (D) 253 < 97 < 115

Q3. Using each of the digits 7, 6, 0, 4 exactly once, what is the smallest 4-digit number that can be formed?

(A) 4067 (B) 4076 (C) 7640 (D) 0467

Q4. Arrange 88, 279, 280 from smallest to greatest.

(A) 280 < 88 < 279 (B) 279 < 88 < 280

(C) 88 < 279 < 280 (D) 280 < 279 < 88

Q5. Using each of the digits 2, 3, 1, 0 exactly once, what is the smallest 4-digit number that can be formed?

(A) 1032 (B) 3210 (C) 1023 (D) 0123

Q6. Arrange 374, 342, 340 from smallest to greatest.

(A) 342 < 374 < 340 (B) 374 < 342 < 340

(C) 340 < 342 < 374 (D) 340 < 374 < 342

Q7. Using each of the digits 0, 8, 1, 2 exactly once, what is the smallest 4-digit number that can be formed?

(A) 1028 (B) 0128 (C) 8210 (D) 1037

Q8. Arrange 61, 482, 67 from smallest to greatest.

(A) 482 < 67 < 61 (B) 61 < 67 < 482

(C) 67 < 61 < 482 (D) 482 < 61 < 67

Q9. Using each of the digits 1, 3, 4, 0 exactly once, what is the smallest 4-digit number that can be formed?

(A) 0134 (B) 1043 (C) 1034 (D) 4310

Q10. Arrange 158, 398, 375 from smallest to greatest.

(A) 398 < 375 < 158 (B) 375 < 158 < 398

(C) 158 < 375 < 398 (D) 398 < 158 < 375

Q11. Using each of the digits 2, 1, 8, 0 exactly once, what is the smallest 4-digit number that can be formed?

(A) 8210 (B) 1028 (C) 1037 (D) 0128

Q12. Using each of the digits 0, 7, 5, 3 exactly once, what is the smallest 4-digit number that can be formed?

(A) 7530 (B) 3066 (C) 3057 (D) 0357

Q13. Arrange 445, 261, 204 from smallest to greatest.

(A) 204 < 261 < 445 (B) 445 < 261 < 204

(C) 204 < 445 < 261 (D) 261 < 445 < 204

Q14. Using each of the digits 4, 3, 6, 0 exactly once, what is the smallest 4-digit number that can be formed?

(A) 3055 (B) 0346 (C) 6430 (D) 3046

Q15. Arrange 97, 289, 236 from smallest to greatest.

(A) 289 < 236 < 97 (B) 97 < 236 < 289

(C) 289 < 97 < 236 (D) 236 < 97 < 289

Q16. Using each of the digits 8, 2, 0, 6 exactly once, what is the smallest 4-digit number that can be formed?

(A) 2068 (B) 2077 (C) 8620 (D) 0268

Q17. Arrange 185, 365, 232 from smallest to greatest.

(A) 365 < 185 < 232 (B) 232 < 185 < 365

(C) 185 < 232 < 365 (D) 365 < 232 < 185

Q18. Using each of the digits 0, 2, 9, 8 exactly once, what is the smallest 4-digit number that can be formed?

(A) 2089 (B) 0289 (C) 9820 (D) 2098

Q19. Arrange 437, 434, 360 from smallest to greatest.

(A) 360 < 434 < 437 (B) 434 < 437 < 360

(C) 360 < 437 < 434 (D) 437 < 434 < 360

Q20. Using each of the digits 3, 0, 5, 9 exactly once, what is the smallest 4-digit number that can be formed?

(A) 0359 (B) 9530 (C) 3068 (D) 3059

Q21. Arrange 516, 443, 271 from smallest to greatest.

(A) 271 < 443 < 516 (B) 516 < 443 < 271

(C) 271 < 516 < 443 (D) 443 < 516 < 271

Q22. Using each of the digits 3, 0, 6, 7 exactly once, what is the smallest 4-digit number that can be formed?

(A) 0367 (B) 7630 (C) 3067 (D) 3076

Q23. Using each of the digits 0, 4, 8, 2 exactly once, what is the smallest 4-digit number that can be formed?

(A) 2057 (B) 0248 (C) 8420 (D) 2048

Q24. Arrange 112, 480, 254 from smallest to greatest.

(A) 480 < 112 < 254 (B) 112 < 254 < 480

(C) 480 < 254 < 112 (D) 254 < 112 < 480

Q25. Using each of the digits 6, 4, 3, 0 exactly once, what is the smallest 4-digit number that can be formed?

(A) 3055 (B) 0346 (C) 6430 (D) 3046

Free practice paper from syllabax.com · not affiliated with SOF or any official olympiad body.