

The Key of The First Round IMC 2013

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|---|------------------------------|----|--|----|-------------------------------------|----|---|
| 1 | (B) RM144 | 6 | (E) n | 11 | (E) $\frac{5}{6}$ | 16 | (E) 3 |
| 2 | (D) 20^0 | 7 | (D) $24\sqrt{\frac{3}{5}}$ | 12 | (B) (2012, 2014) | 17 | (C) $(-\infty, -1) \cup (0, 1)$ |
| 3 | (E) 64 | 8 | (C) 45 | 13 | (D) 3 | 18 | (B) 4 |
| 4 | (A) | 9 | (B) $4\sqrt{3}$ | 14 | (C) {1,2} | 19 | (A) $\sqrt{11}$ |
| 5 | (C) 4 | 10 | (A) 2 | 15 | (A) 12 | 20 | (D) a -even, b -even |