



Problem of the Week

Problem D

The Second Escape

Ingrid, Jayant, Neela, and Radko each brought a group of friends to POTW Escape. Each group completed a different escape room: Backwards Thinking, On the Moon, The Family Reunion, or Time Trials. Each of the rooms had a different-coloured door: blue, green, red, or white. While they were in the rooms, each group asked for hints to help them. One group requested 2 hints, another requested 3 hints, another requested 4 hints, and another requested 5 hints.

Use the clues below to match each group with the name of their escape room, the colour of its door, and the number of hints their group requested.

- (1) The group that completed The Family Reunion asked for one more hint than Neela's group.
- (2) Radko's group went through the green door and requested one fewer hint than the group that completed Backwards Thinking, but one more hint than the group that went through the blue door.
- (3) Ingrid's group went through the white door.
- (4) The group that completed Time Trials went through the red door and requested two fewer hints than the group that completed On the Moon.

