



Problem of the Week

Problem A

Tents Situation

Four families are going camping. The families are each of a different size, with 3, 4, 5, or 6 family members, and each have a different coloured tent.

Using the clues below, determine the family size and tent colour for each family.

- (1) The Boivin family uses a yellow tent.
- (2) The family with the blue tent has the fewest family members.
- (3) The Kerr family does not have the most people in their family and they are not in the red tent.
- (4) The family in the yellow tent has the most members in their family.
- (5) The family in the red tent has one fewer family member than the family in the yellow tent.
- (6) The Omanovic family is not in the green tent nor in the blue tent, and they are not the family with the fewest members.
- (7) The green tent has the second lowest number of family members.
- (8) The Banerjee family has half the number of family members as another family.

