

Puzzle 5A:

This puzzle occurs near the middle of *Grids for Kids: Level 5*. A tutorial for this puzzle is included in *Grids for Kids: Level 5* book.

Four different people recently baked some cakes for a fundraiser at the local fire station. Each person baked a different type of cake (carrot, chocolate, marble, or white) in a different quantity (5, 6, 7, or 8) using a different color of icing (blue, green, pink, or purple). Match each type of cake with the correct quantity and icing color.

- 1) More white cakes were baked than those with either purple or pink icing.
- 2) Janice baked the cakes with blue icing. Her neighbor baked the cakes with green icing, while her friend baked the chocolate cakes. Janice baked more than one of the other two, but not both.
- 3) The number of marble cakes is less than 7, and they don't have blue icing.
- 4) If the carrot cake has pink icing, or if there are seven blue icing cakes, then there are fewer purple icing cakes than marble cakes, and the number of white cakes differs by one from the number of pink icing cakes.

	blue	green	pink	purple	5	6	7	8
carrot cake								
chocolate cake								
marble cake								
white cake								
5								
6								
7								
8								