

11. A HEIGHT AND HAIR COLOR PROBLEM

Mary, Isobel, Marcia, Grace, and Ruth are on the Grand Avenue Grade School girls' basketball team. Each girl has a different color hair. The hair colors are blond, red, auburn, black, and brunette. As it happens, no two girls on the team are the same height; they are 5'9", 5'8", 5'6", 5'5", and 5'4". From the clues given try to determine the hair color and height of each of the girls on the team.



1. Mary is taller than Ruth who is two inches taller than the redhead.
2. The brunette is not 5'6".
3. Marcia and Mary are neither the tallest nor the shortest.
4. The girl with black hair is two inches taller than Ruth.
5. Isobel is taller than the blond, who is one inch taller than Grace.

	BLOND	RED	AUBURN	BLACK	BRUNETTE	5'9"	5'8"	5'6"	5'5"	5'4"
MARY	X	X	X	✓	X	X	✓	X	X	X
ISOBEL	X	X	X	X	✓	✓	X	X	X	X
MARCIA	✓	X	X	X	X	X	X	X	✓	X
GRACE	X	✓	X	X	X	X	X	X	X	✓
RUTH	X	X	✓	X	X	X	X	✓	X	X
5'9"	X	X	X	X	✓					
5'8"	X	X	X	✓	X					
5'6"	X	X	✓	X	X					
5'5"	✓	X	X	X	X					
5'4"	X	✓	X	X	X					

