



Valentine Hearts

1. Mrs. Newman had 5 children; 3 girls named Karen, Lisa and Amy and 2 boys named Jack and Mark. She was buying Valentine chocolate hearts for the children to give to each other. She noticed that the hearts were wrapped in either red or blue or green or yellow foil. She decided that she would buy red hearts for the girls to give to the boys, blue hearts for the girls to give to the girls, green hearts for the boys to give to the boys, and yellow hearts for the boys to give to the girls.

How many chocolate hearts of each color did Mrs. Newman need to buy? Draw a picture or write a description which explains your answer.

2. On the way home Mrs. Newman met her neighbor, Mrs. Brown, who also needed to buy valentines for her children to give to each other. Mrs. Brown liked Mrs. Newman's scheme of buying chocolate hearts so much that she decided to use the same rule for doing her shopping. She calculated quickly that she would need to buy 3 red hearts, 6 green hearts, and 3 yellow hearts.

How many girls and how many boys did Mrs. Brown have? Draw a picture or write a description which explains your answer.