V **Volume Problem**

Frank has a collection of colorful rocks. He is finding the volume of his rocks with a 100 cc graduated cylinder and 50 cc of water. Include units.

1. Frank put a blue rock into the cylinder and saw the water was at 73 cc.

   What is the volume of the blue rock? _____

   Number sentence _____

2. He forgot to take the blue rock out of the water and added a green rock. This time the water rose to 98 cc.

   What is the volume of the green rock? _____

   Number sentence _____

3. Frank removed both rocks and put a yellow and a red rock in together. The yellow rock has a volume of 47 cc and the red rock has a volume of 59 cc.

   Do you think the water spilled over the top of the graduated cylinder? Show or tell how you know.