Wilma Witch’s Party

Wilma Witch is having a Halloween party. The problems in this exercise sometimes require information from a preceding problem. Have fun solving these problems!

1. Wilma Witch is stirring her famous brew. The following recipe is good for 10 guests. Wilma wants to know what the recipe would be for 25 guests. Help her out!

   **Recipe**
   - 20 bat tongues
   - 14 cat tails
   - 150 goblin toenails

   **New Recipe**
   - ________ bat tongues
   - ________ cat tails
   - ________ goblins’ toenails

2. There are 3000 witches invited to Wilma’s party. Half of the witches will attend the party. One-third of the witches will go to George Ghost’s party. The rest of the witches plan to stay home and rest this Halloween. How many witches will stay home?______________________________

3. The witches who attend Wilma’s party will play games. 500 will play “Ugly Face” cards and 394 will play “Spin the Broom.” If the remaining witches play “Pin the Nose on the Ghost,” how many will be playing that game?__________________________________________

4. The witches decide to make masks at Wilma’s party. One-fifth of them make Frankenstein masks, two-fifths make beautiful princess masks, and the others make animal masks. How many witches will make each kind of mask?

   ________ Frankenstein masks
   ________ princess masks
   ________ animal masks

5. The witches divided into three groups to sing scary songs. How many witches were in each group if the groups were even? _________________________________

6. Half of the witches attending Wilma’s party live in the South Swamp, and half of them live in the North Swamp. It is 400 miles to Wilma’s house from the South Swamp and 600 miles from the South Swamp to the North Swamp. Wilma’s house is between the two swamps. The witches travel at 50 m.p.h. How long will it take each group of witches to reach Wilma’s house?

   **South Swamp**
   ________

   **North Swamp**
   ________
Wilma Witch’s Party Answer Key

1. 50 bat tongues

35 cat tails

375 goblin toenails

2. 500

3. 606

4. 300; 600; 600

5. 500

6. South Swamp = 8 hours;

North Swamp = 4 hours