

Grade 4 CTF

Due to Mrs. Ruddy by January 15<sup>th</sup>

4.NF.4

Name \_\_\_\_\_

Teacher \_\_\_\_\_

At Leslie's party  $\frac{1}{4}$  of the people had long hair. One half of the people at the party were boys, and  $\frac{1}{4}$  of the girls had short blond hair. None of the boys had long hair.

If there were 32 guests, what is the maximum number of girls who could have had short red hair?

Show how you determined your answer and why you know you have a correct solution.