

Consider the following situation: James is at a county fair and is participating in "The Age Game". To play, the booth owner attempts to guess a participant's age. If the owner's guess is less than or equal to 5 years of the actual age, the owner wins the participant's money. Otherwise, the participant wins a prize.

If James' age is 28, graph the range of values that the owner could guess (g) in order to win James' money.