Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_

Doggie Land Kennel charges a fixed rate of $25.00 and an extra $40.00 for each night that you board your dog. Bark and Wag Kennel charges a fixed rate of $40.00 and an extra $35.00 for each night that you board your dog. How many nights would you have to board your dog for the cost of each kennel to be equal?