

Name _____ Date _____

Melvin wants to go to the school musical. The school auditorium has 1250 seats arranged in three sections. The left section has 375 seats, and the right section has 375 seats.

1. Write an equation to find the number of seats in the center section and explain why you wrote the equation the way you did.
2. Solve the equation.
3. What does the solution to your equation mean?

Name _____ Date _____

It takes Lynn $4\frac{1}{4}$ hours to drive to her grandmother's house. If she has already driven $2\frac{1}{2}$ hours, how much longer will it take her to get there?

1. Write an equation that will help you determine how much longer it will take Lynn to get to her grandmother's house and explain why you wrote the equation the way you did.
2. Solve the equation.
3. What does the solution to your equation mean?

Name _____ Date _____

A small university has six identical parking lots that hold a total of 1110 cars.

1. Write an equation to find the number of cars each parking lot can hold. Explain why you wrote the equation the way you did.
2. Solve the equation.
3. What does the solution to your equation mean?