

Station 3



The Ears-to-the-Wind Car Rental charges \$100 per day and 11 cents per mile to rent a sport utility vehicle. The Wheels Are Us Rental charges \$128 per day and 8 cents per mile for the same vehicle. What is the number of miles, to the nearest mile, that would cause the rental fees of the two companies to be equal in one day.

- Write an equation that can be used to solve the problem.
- Solve your equation algebraically
- Solve the equation graphically. Indicate your window.