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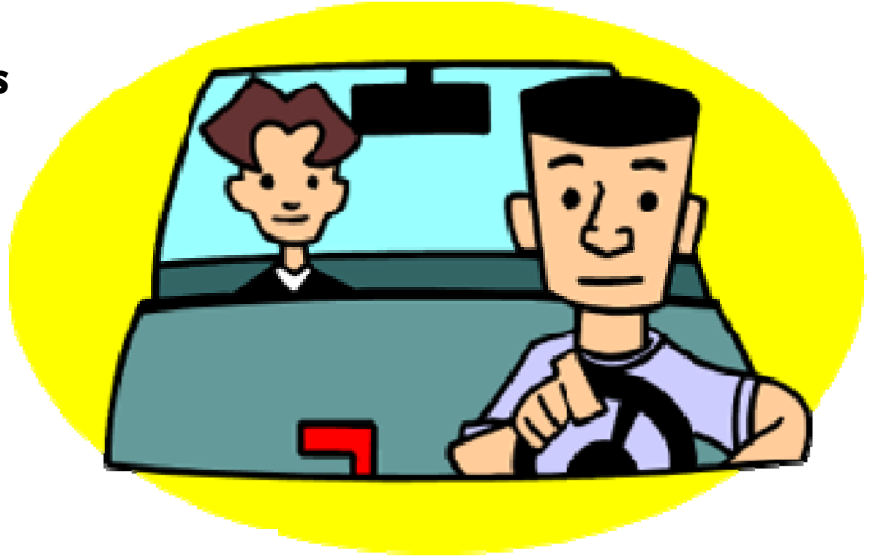
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Understanding the y-Intercept - Step-by-Step Lesson

Lesson 1 y-Intercept Problem:

Danny's cab company charges \$90 a day for the car as well as a one-time charge of \$25.

Write an expression for the cost in dollars, c , as a function of the number of days, d , the car was rented.



Explanation:

C represents the total cost; the fixed charge is a single \$25.

The rate of change is \$90 and depends on the number of days so it is changeable and can be represented by d .

Putting it all together, the expression for the cost in dollars is:

$$c = 90d + 25$$

