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Interpreting the graphs of two functions

Karen can choose Plan A or Plan B for her long distance charges. For each plan, cost (in dollars) depends on minutes used (per month) as shown below.

(a) If Karen makes 200 minutes of long distance calls for the month, which plan costs more?
☐ Plan A ☐ Plan B
How much more does it cost than the other plan?
\$

(b) For what number of long distance minutes do the two plans cost the same?

If the time spent on long distance calls is more than this amount, which plan costs more?
☐ Plan A ☐ Plan B

B/c blue is above red after this point

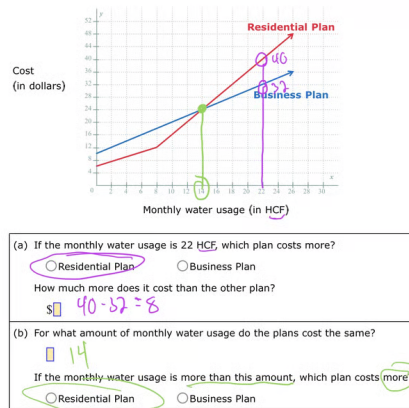
Note: The Solve feature is not available to students.

Explanation Try Another Check Solve

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Interpreting the graphs of two functions

The water company has a different monthly pricing plan for residential customers than for business customers. For each pricing plan, cost (in dollars) depends on water used (in hundreds of cubic feet, HCF), as shown below.

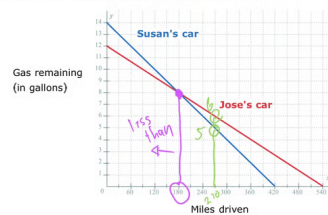


red line goes above after the point of intersection so it's more

Note: The Solve feature is not available to students.

Interpreting the graphs of two functions

Jose and Susan are driving separate cars to New York. They begin the trip with full gas tanks. The amount of gas (in gallons) remaining in the tank of each car depends on the number of miles driven, as shown below.



blue line above when less than point of intersection

#LinesAndFunctions

#SystemsOfLinearEquations

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