Are Bicycles Fast Enough?

If you live two miles away from school:

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a. How long would it take you to ride your bike there? Assume a bike travels at 12 mph (not speed-fast, but a decent pace).

How do you write that speed as a fraction?

decent pace). n? _____ miles _____ minutes SOIL

OK, so reduce that fraction to find out how many minutes it takes to ride one mile.



So, 2 miles would take <u>_____</u> minutes on your bike.

b. What if an adult drives you in a car that travels 30 mph?





b. How much pollution is put in the air by driving a car or truck to school each year? According to the Pima Association of Governments, for every mile driven in a gasoline vehicle, we put 0.6 pounds of pollutants (including greenhouse gases) into the air.



c. How much pollution is put in the air by riding a bicycle? There are zero pollution emissions from driving a leg-powered bicycle!



