



Name: \_\_\_\_\_ Date: \_\_\_\_\_

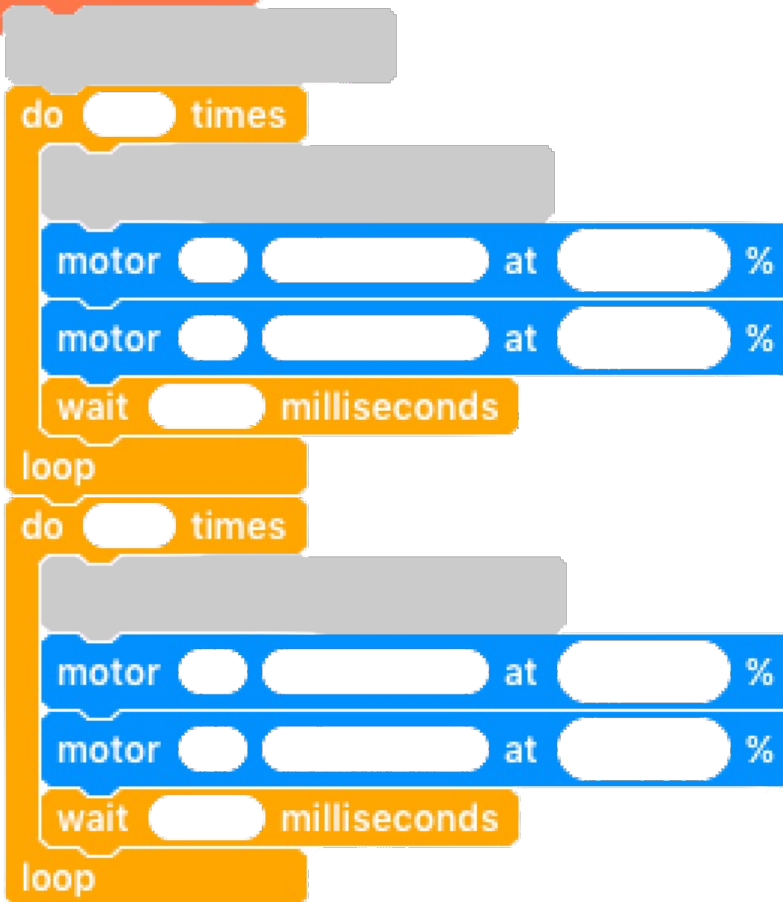
I can use variables to change the way my programs run.

LessonID: 470



We can use a 'Speed' variable as the speed value in our motor control blocks. Your challenge is to work out how to gradually change this value so your car gently speeds up and slows down.

program start



Work out what the missing grey blocks are then fill in all the gaps in the code.



Acceleration describes the amount of time it takes a car to reach a given speed. What would you need to change in your code to make your car accelerate more quickly? You have 2 options.

To make my car accelerate more quickly I could:

- 1) .....
- 2) .....