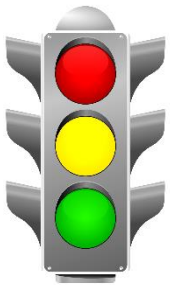


Name: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_



# Where do traffic lights come from?!

Long time ago railways were using signals to control train traffic. It was used for both up-going and down-going trains.



When cars were introduced in America and Britain the traffic situation became a problem. A police officer called William Potts of Detroit, decided to do something about the problem and he decided to use railroad signals for street use.



He used 2 colored lights , red and green and connected the signals by electricity but it was manually operated. The first traffic light was put in 1920.

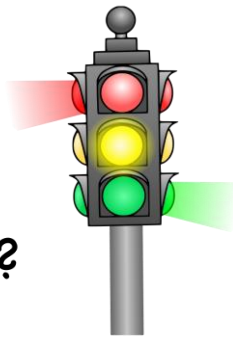
At the same time, Garrett Augustus, an African-American, from Cleveland, realized the need for traffic lights after an accident between a car and a horse-drawn carriage. So he decided to do something about and in 1923 put a 4 way traffic light signal.



Today, traffic lights have an internal timer that is programmed to stay on for a specific amount of time. Policemen also control the lights on certain roads depending on the amount of traffic.



Read the text above then answer  
the following questions:



How do traffic lights work today?

When was the first traffic light put?

How was the railroad traffic controlled long ago?

How was Garret Augustus's traffic light different?



How did William potts solve the traffic problem?





What do you think about traffic lights?  
(useful or not & why)

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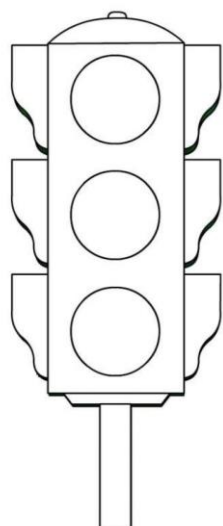
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If you were to change the colors of the traffic light,  
which colors would you choose & why?



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How can we develop them to avoid traffic problems?

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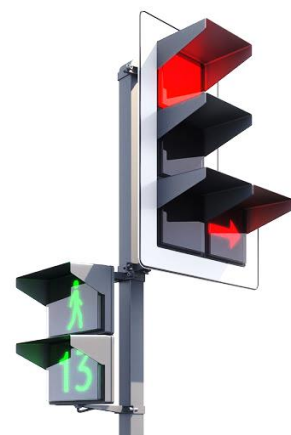
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# Compare & Contrast between their role in solving traffic problems.



William  
Potts



Garret  
Augustus

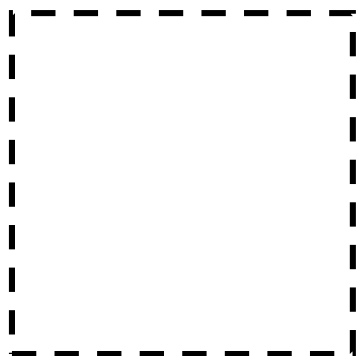


A Venn diagram with two overlapping circles. The left circle is for William Potts, the right circle is for Garret Augustus, and the intersection is for their shared roles. Each circle contains five horizontal dotted lines for writing.

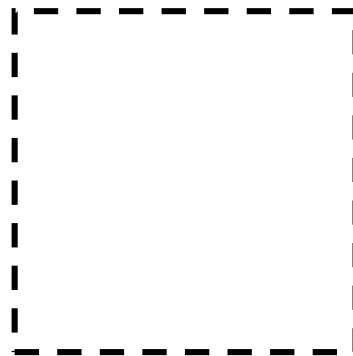




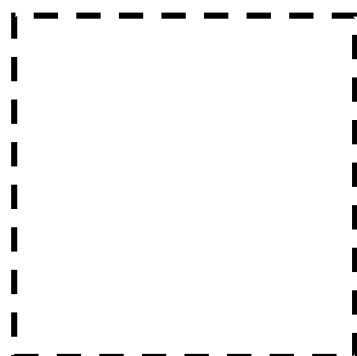
Read the riddles below then  
glue the correct picture.



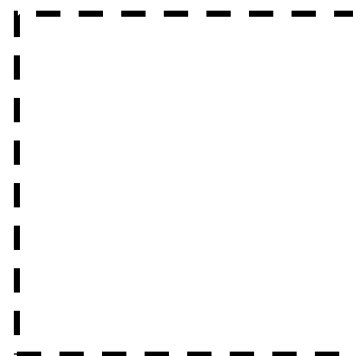
An African American from  
Cleveland who made a traffic light  
to solve traffic problems.



He controls the traffic lights  
on certain roads depending on  
the amount of traffic.



A 4 way traffic light  
signal first put in 1923.



A police officer from Detroit  
made a traffic light that works  
with electricity.

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