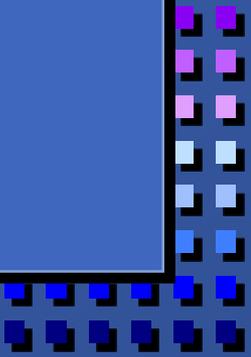


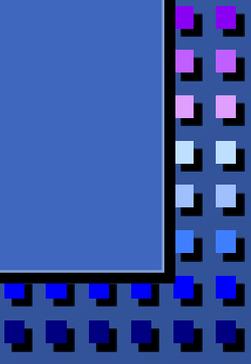
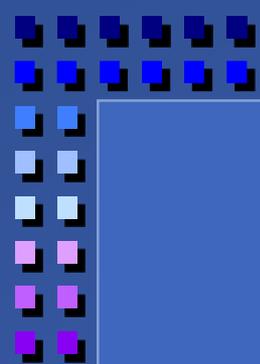
Maintenance

How to save yourself
money and stress
with your vehicle



Maintenance

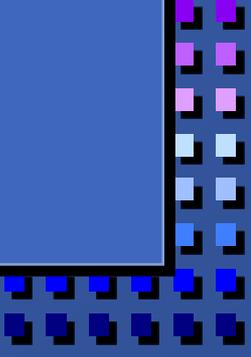
-  Under the Hood
-  Fluids
-  Under the Car

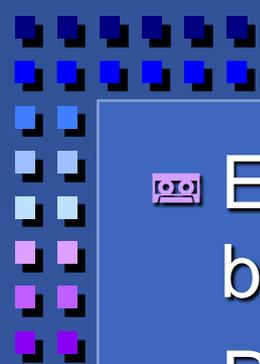
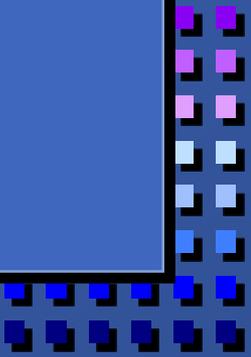


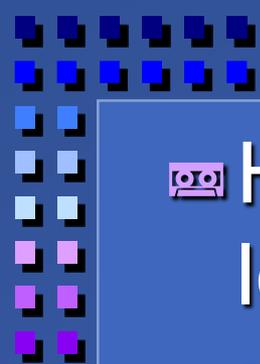
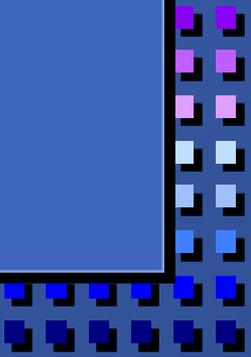
UNDER THE HOOD

- ❏ What is the best fluid to add to a Battery?
- ❏ Distilled water
- ❏ How do you clean the battery terminals?
- ❏ Baking Soda and Water

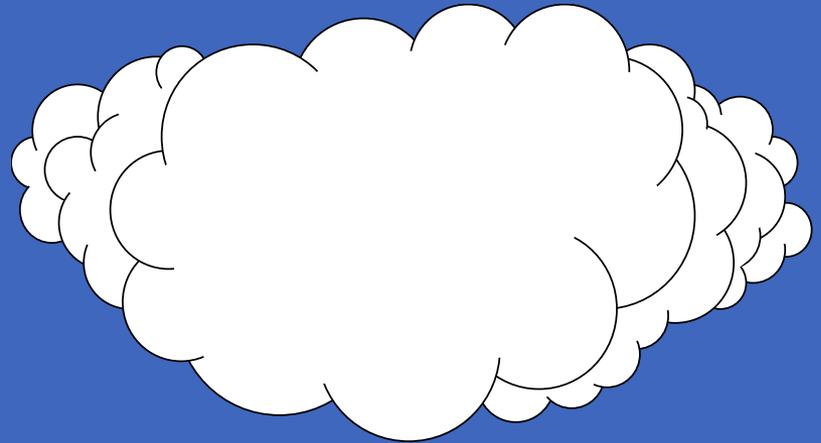


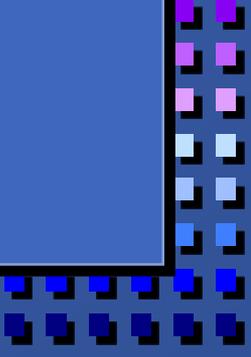
- 
- ❏ What might happen if the terminals aren't clean?
 - ❏ Your car might not start.
 - ❏ How can you tell how many volts a battery is?
 - ❏ Filler caps X 2.
 - ❏ What is the "Glowing Eye" on a battery?
 - ❏ It tells you if your battery is charged or not.
- 

- 
- ❏ Explain how to Jump start a car with a dead battery.
 - ❏ Positive from good battery to positive on bad battery. Negative from bad battery to ground (not negative on good battery).
 - ❏ What is the purpose of an Alternator?
 - ❏ To charge the Battery.
 - ❏ What are some clues that the alternator is not working properly?
 - ❏ Car starts hard or not at all, lights are dim
- 

- 
- How can you tell the fan belt is too loose?
 - More than one half inch of slack.
 - When checking the belts, do you look at the outside or inside for wear?
 - Inside
- 

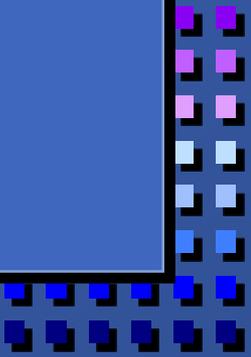
- ❏ When and why do you change the air filter?
- ❏ Yearly or mileage
- ❏ It takes the dirt out of the air before it enters your engine.



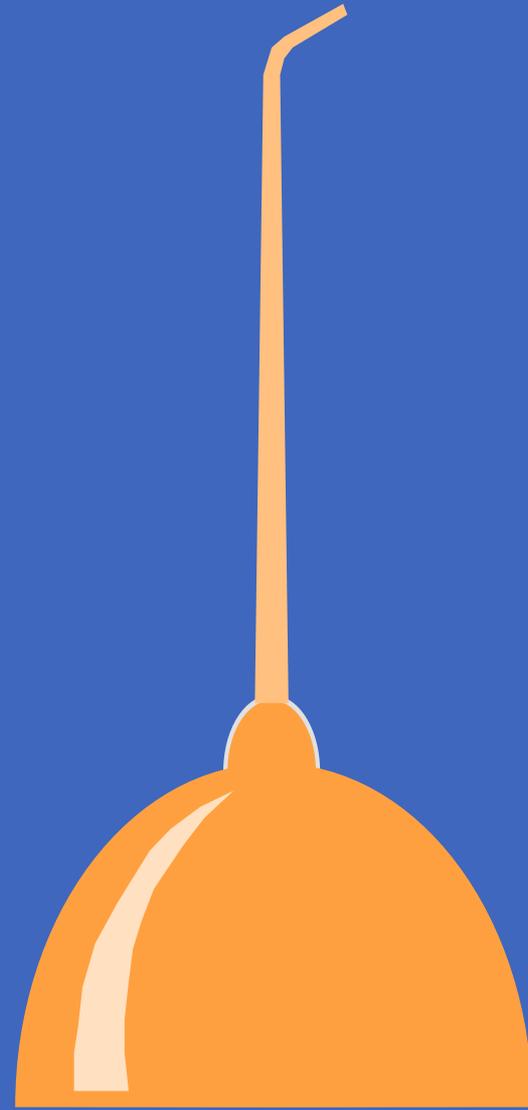
- 
- ❏ What is the problem when the gas filter gets dirty?
 - ❏ Your car will not get enough fuel: lose power, engine dies, runs rough
- 

FLUIDS



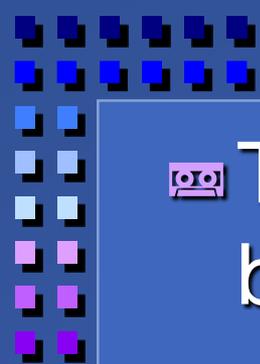
- 
- ❏ How often should you check the radiator fluid?
 - ❏ Weekly and more often if you have to add coolant often.
 - ❏ What can happen when anti-freeze gets old?
 - ❏ It doesn't work; it won't protect your engine.
- 

- 🚗 What does engine oil do?
- 🚗 Cleans
- 🚗 Cools
- 🚗 Lubricates
- 🚗 How much oil do you add, if the oil comes up to the ADD mark on the dipstick?
- 🚗 One quart



- 🚗 If the oil pressure light comes on while driving, you should:
- 🚗 pull over
- 🚗 turn engine off
- 🚗 What oil weights do you use:
 - 🚗 10 or 20 - Winter
 - 🚗 30 or 40 - Summer
 - 🚗 10/30 or 10/40 - All Seasons





🚗 The automatic transmission fluid should be checked with the engine:

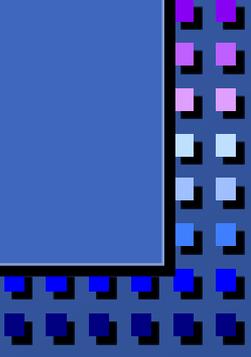
🚗 running

🚗 If the dipstick says add then put in:

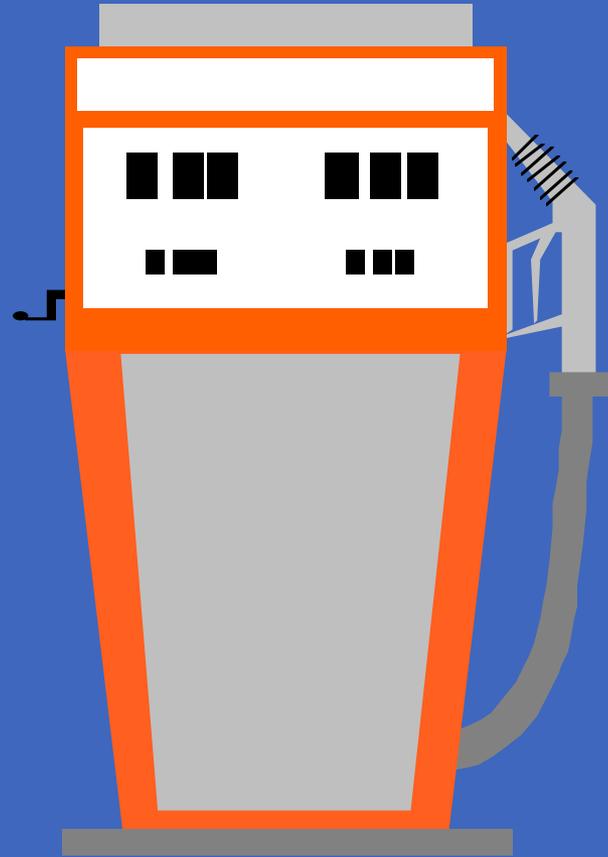
🚗 One pint of transmission fluid

🚗 What does dark brake fluid mean?

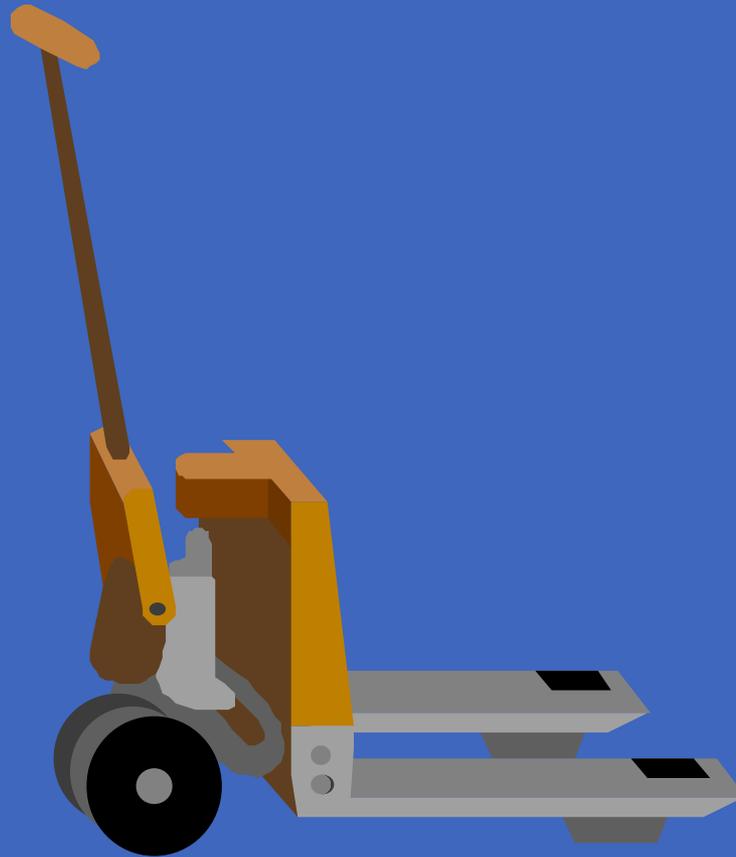
🚗 Its old; you need to change your brake fluid

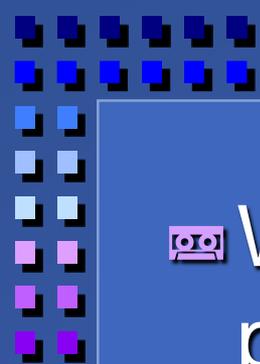
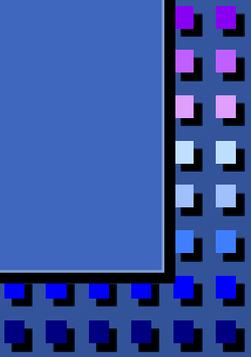


- ❑ Should you fill the wiper fluid container with regular water?
- ❑ No, it could freeze and crack the container.
- ❑ What does Octane do for your gas?
- ❑ It makes it burn better.



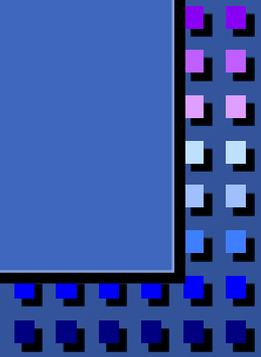
Under the Car

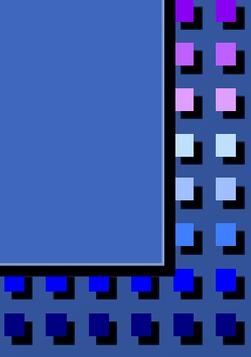


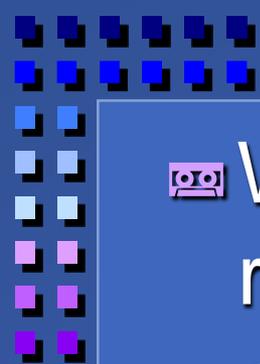
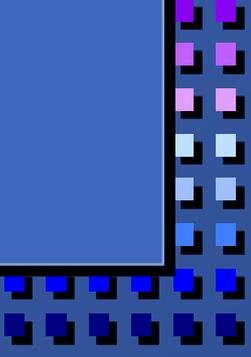
- 
- ❏ Where would you find the proper air pressure for your tires?
 - ❏ On the side of the tire.
 - ❏ Why do you rotate your tires?
 - ❏ To extend the tire life and to get more even tire wear.
- 

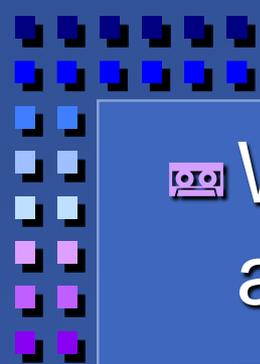
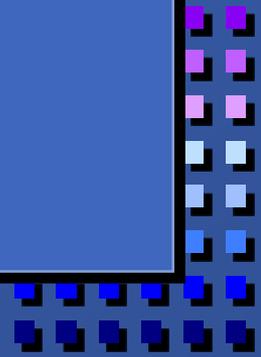
- 📺 Explain the Penny Test.
- 📺 Turn a penny upside-down, place it in the tread of your tire. If you can see all of Lincoln's head, then your tires are illegal. You need to get new tires.

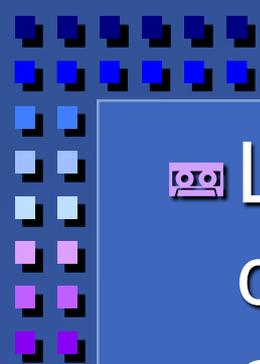


- 
- ❏ What causes a tire to wear in these places?
 - ❏ On one side - Bad wheel alignment
 - ❏ On both sides - Under inflated, not enough air pressure.
 - ❏ In the middle - Over inflated, too much air pressure
- 

- 
- 📺 Explain how to change a flat tire.
 - 📺 See Owner's manual.
 - 📺 What is the purpose of Shock Absorbers, and how do you check them?
 - 📺 To give you a smooth and level ride.
 - 📺 By doing the "Bounce Test."
- 

- 
- ❏ Why should you check your spare tire regularly?
 - ❏ So that it will be ready when you need it.
 - ❏ What does ASE mean?
 - ❏ Automotive Service Excellence
- 

- 
- ❏ What are some clues that your seatbelts are no longer working properly?
 - ❏ They are stretched out, torn, or don't retract all the way.
 - ❏ What might the problem be with your seatbelts, if your car has been in an accident?
 - ❏ They might not protect you properly if you get in another accident.
- 



 List some standard equipment that all drivers should carry in case of an emergency.

 Spare tire

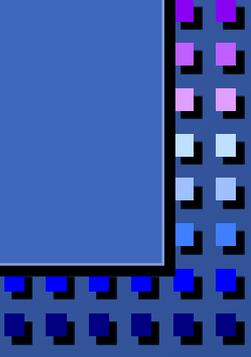
 Jack

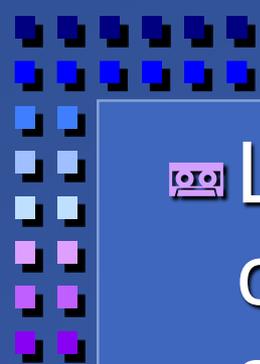
 Tire Iron

 Flares or reflectors

 First aid kit

 Fire Extinguisher





📺 List some other items that drivers might carry in their car for emergencies. List some of the more unusual items.

📺 Blanket

📺 Food

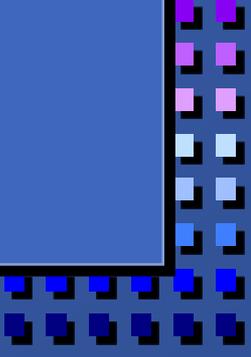
📺 Water

📺 Tow rope or chain

📺 Wire

📺 Duct or electrical tape

📺 Jumper cables





Flashlight

Shovel

Tire chains

Sand, gravel, or kitty litter

Ice scraper

Tools

And just about anything else that YOU think might be useful to YOU in an emergency.

