

## Testing Antifreeze

What two things must be inspected before the radiator cap may be safely removed?

1. \_\_\_\_\_
2. \_\_\_\_\_

What is the chemical usually used in antifreeze?

\_\_\_\_\_  
\_\_\_\_\_

What health risk is associated with ethylene glycol?

\_\_\_\_\_  
\_\_\_\_\_

What safety steps should be taken to protect young children and animals from drinking antifreeze?

\_\_\_\_\_  
\_\_\_\_\_

Where does waste antifreeze get disposed?

\_\_\_\_\_  
\_\_\_\_\_



### Procedure for Testing Antifreeze Freezing Point

1. With the assistance of the instructor remove the radiator cap;
2. Insert the hose from the antifreeze hydrometer into the radiator and using the rubber syringe draw enough coolant out to fill the hydrometer;
3. Record the freezing point of your coolant and by reading the arrow on the float.

### Testing the Antifreeze PH Level

1. Remove one of the test sticks from the bottle;
2. Dip the test end of the stick into the coolant;
3. Using the side of the bottle, match and compare the colours to determine the PH level of the coolant.

### Your findings:

Coolants freezing point \_\_\_\_\_

Coolants PH level \_\_\_\_\_

