

Name \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

\_\_\_\_ 1. Substances, such as gasoline, paint thinner, and alcohol, that accelerate the burning process.

**A. Burn patterns**

\_\_\_\_ 2. A fire started deliberately.

**B. Point of Origin**

\_\_\_\_ 3. The lowest temperature to which a substance must be heated in order for the substance to give off vapors which will burn when exposed to a flame or ignition source.

**C. Fire Triangle**

\_\_\_\_ 4. Produced when a substance undergoes rapid oxidation involving heat and light.

**D. Fire**

\_\_\_\_ 5. The location where the fire started.

**E. Accelerants**

\_\_\_\_ 6. Shows the three elements needed to produce and sustain a fire.

**F. Arson**

\_\_\_\_ 7. Noticeable patterns created by the fire as it burns.

**G. Flash Point**

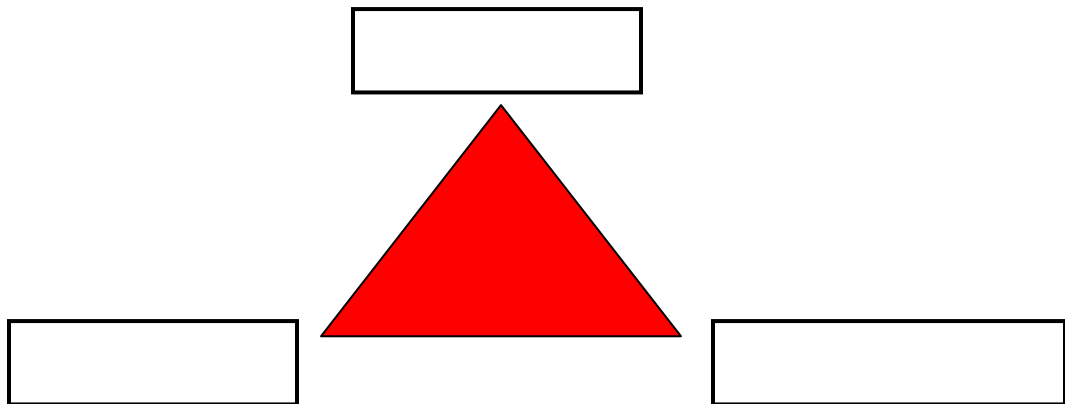
\_\_\_\_ 8. Indicates at what temperature the fire was burning.

**H. Color of smoke**

\_\_\_\_ 9. Determine what type material was burning

**I. Color of flames**

10. Fill in the boxes.



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11. Give two common motives for Arson?

a. \_\_\_\_\_

b. \_\_\_\_\_

12. What are two things that you can do to help prevent arson or arson damage?

a. \_\_\_\_\_

b. \_\_\_\_\_

**\*\*BONUS\*\***

How quickly can fires easily double in size?

\_\_\_\_\_