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.
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?

_______________________________________________