

# Written Quiz

- |   | <b><u>POINTS</u></b> |
|---|----------------------|
| 1. The rapid self-sustaining oxidation process that produces heat and light is called _____.  | ___ 15               |
| 2. Rust is an example of _____ oxidation.   | ___ 10               |
| 3. Instantaneous oxidation of dynamite causes an _____.                                       | ___ 10               |
| 4. The four elements of the fire tetrahedron are _____, fuel, _____, and chain reaction.      | ___ 15               |
| 5. The three types of heat transfer are:  | ___ 15               |
| A. _____  |                      |
| B. _____  |                      |
| C. _____  |                      |
| 6. Friction heat is an example of _____ heat energy.  | ___ 15               |
| 7. The most common means of an electrical heat source causing combustion is when _____ occur. | ___ 20               |

**POINTS POSSIBLE:**     \_\_\_ 100

**POINTS DEDUCTED:**

**FINAL SCORE:**

# Written Quiz - Key

	<b><u>POINTS</u></b>
1. The rapid self-sustaining oxidation process that produces heat and light is called <b>FIRE</b> .	<u>15</u>
2. Rust is an example of <b>SLOW</b> oxidation.	<u>10</u>
3. Instantaneous oxidation of dynamite causes an <b>EXPLOSION</b> .	<u>10</u>
4. The four elements of the fire tetrahedron are <b>OXYGEN</b> , fuel, <b>HEAT</b> , and chain reaction.	<u>15</u>
5. The three types of heat transfer are:	<u>15</u>
A. <b>CONDUCTION</b>	
B. <b>CONVECTION</b>	
C. <b>RADIATION</b>	
6. Friction heat is an example of <b>MECHANICAL</b> heat energy.	<u>15</u>
7. The most common means of an electrical heat source causing combustion is when " <b>SHORTS</b> " occur.	<u>20</u>

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**