

- | | <u>POINTS</u> |
|---|----------------------|
| 1. What is the "Law of heat flow"? | <u>20</u> |
| 2. What are the three methods of heat transfer? | <u>20</u> |
| 3. If you take a metal rod and stick one end in a fire the other end will soon get hot. This method of heat transfer is called _____. | <u>10</u> |
| 4. If you put your hand above a lit burner on a stove, the heat you feel is due to _____ and _____. | <u>10</u> |
| 5. The heat you feel when you face the sun is a result of _____. | <u>10</u> |
| 6. The method of heat transfer that carried hot embers aloft where they can cause new fires elsewhere is called _____. | <u>10</u> |
| 7. Heat transferred as rays or waves through the air is known as _____. | <u>10</u> |
| 8. Although it is not an independent method of heat transfer, fire spread can be encouraged by _____. | <u>10</u> |

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

	<u>POINTS</u>
1. What is the "Law of heat flow"?	<u>20</u>
HEAT FLOWS FROM A HOT OBJECT TO A COLD ONE UNTIL BOTH ARE THE SAME TEMPERATURE	
2. What are the three methods of heat transfer?	<u>20</u>
CONDUCTION, CONVECTION, RADIATION	
3. If you take a metal rod and stick one end in a fire the other end will soon get hot. This method of heat transfer is called	<u>10</u>
CONDUCTION.	
4. If you put your hand above a lit burner on a stove, the heat you feel is due to	<u>10</u>
CONVECTION AND RADIATION.	
5. The heat you feel when you face the sun is a result of	<u>10</u>
RADIATION.	
6. The method of heat transfer that carried hot embers aloft where they can cause new fires elsewhere is called	<u>10</u>
CONVECTION.	
7. Heat transferred as rays or waves through the air is known as	<u>10</u>
RADIATION.	
8. Although it is not an independent method of heat transfer, fire spread can be encouraged by	<u>10</u>
DIRECT FLAME CONTACT.	
POINTS POSSIBLE:	<u>100</u>
POINTS DEDUCTED:	
FINAL SCORE:	