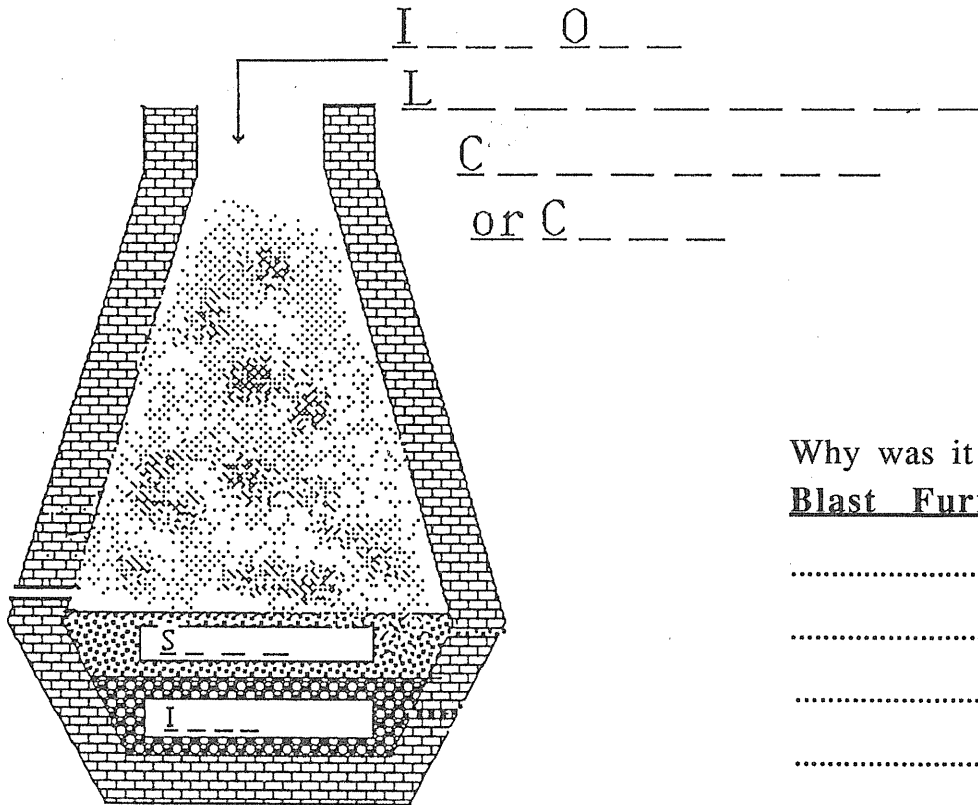


INDUSTRIAL TRAIL

1. The industry in the Clydach valley was concerned with iron making. Like baking a cake, certain ingredients had to be mixed together and heated. The ingredients are known as raw materials, and the oven was called a blast furnace.

See if you can complete the labels on the diagram below...



Why was it called a **Blast Furnace?**

.....

.....

.....

.....

.....

2. The people who built the ironworks thought very carefully before choosing the best place to build it.

a) Why was it built into the side of the hill?

.....

.....

.....

b) Why was it important that the ironworks was near a fast flowing stream?

.....

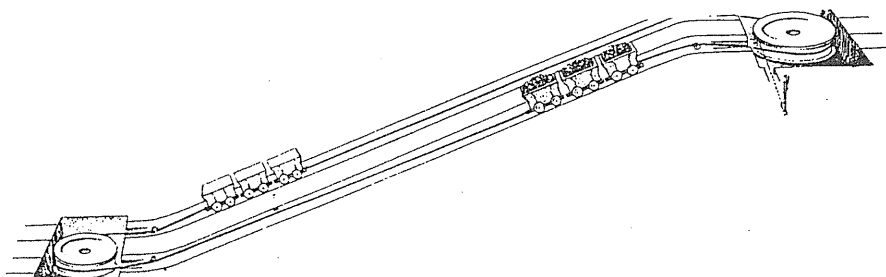
.....

.....

.....

INDUSTRIAL TRAIL

3. Most of the other remains you looked at were transport systems for moving heavy rocks down the valley to the ironworks.



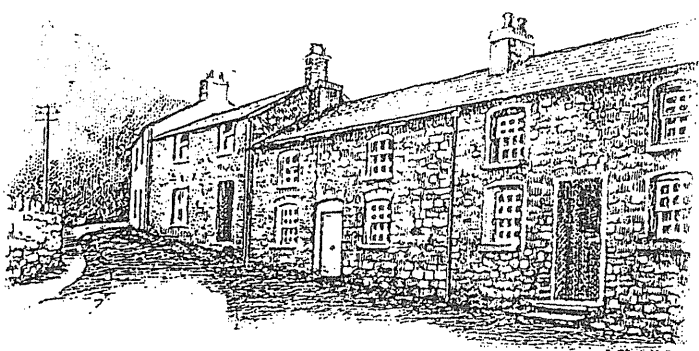
...Look at the diagram and explain how the self acting incline was used to get empty trucks back up the hillside again.

.....

.....

.....

.....



4. The living conditions for the workers were very harsh and the owners often treated them unfairly. Can you explain why the "truck system" of payment was so unfair?

.....

.....

.....

.....

.....