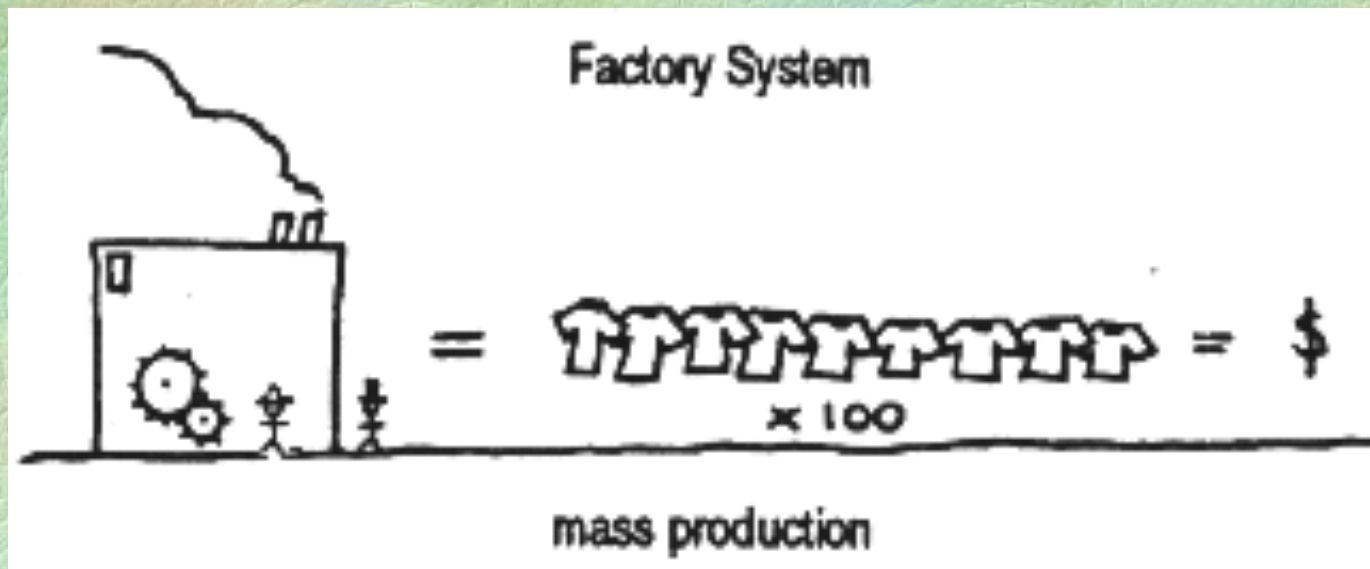


Rise of the Factory System

- ☛ New machines put in factories
- ☛ located near power source: coal, iron, water
- ☛ mass production









Effects of Textile Factories in Britain

- ☞ Prices of mass produced items much lower
- ☞ villagers forced into cities - changed rural life forever

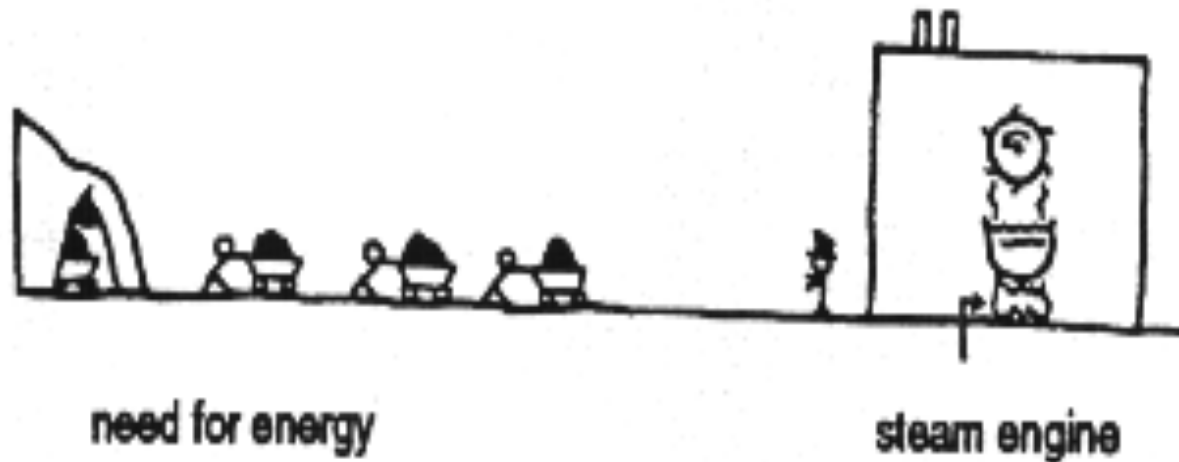


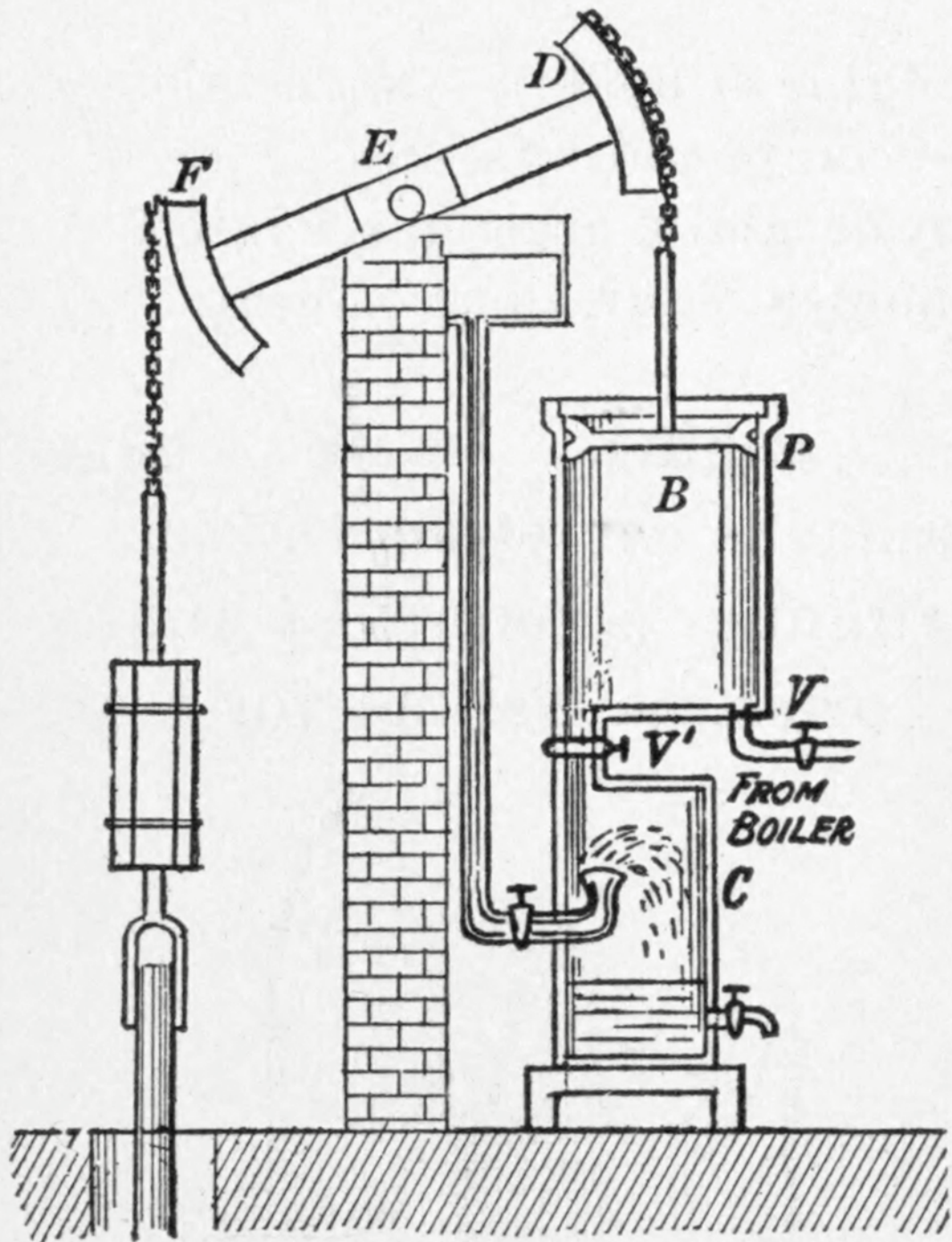
Need for Energy

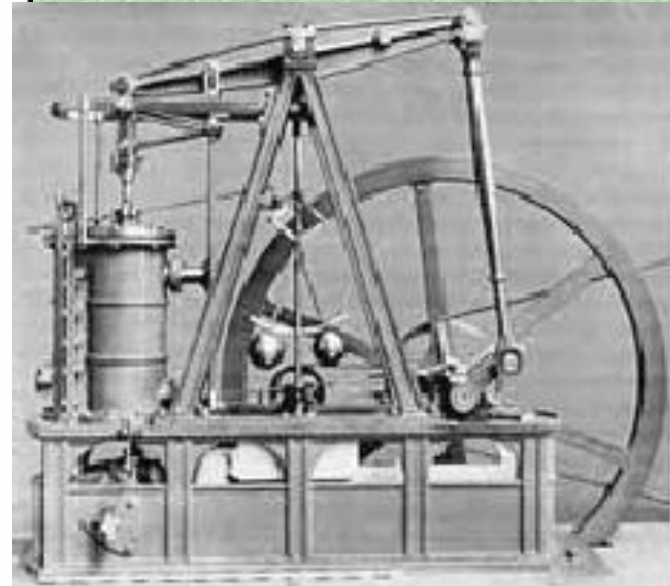
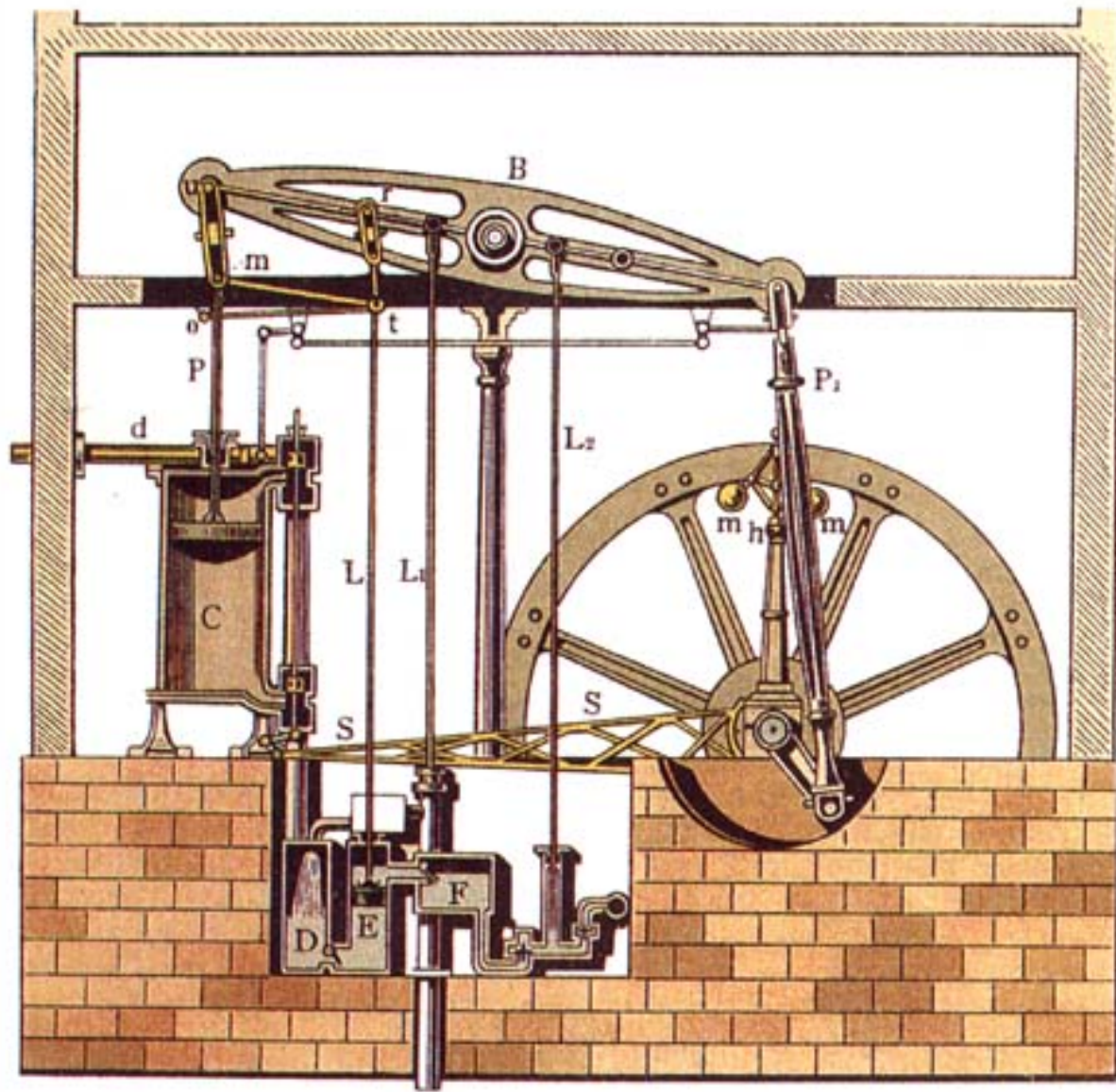
- ☞ Steam engine replaces horse/water
 - James Watt
- ☞ need for power



Energy for the Industrial Revolution







Smelting – Henry Bessemer

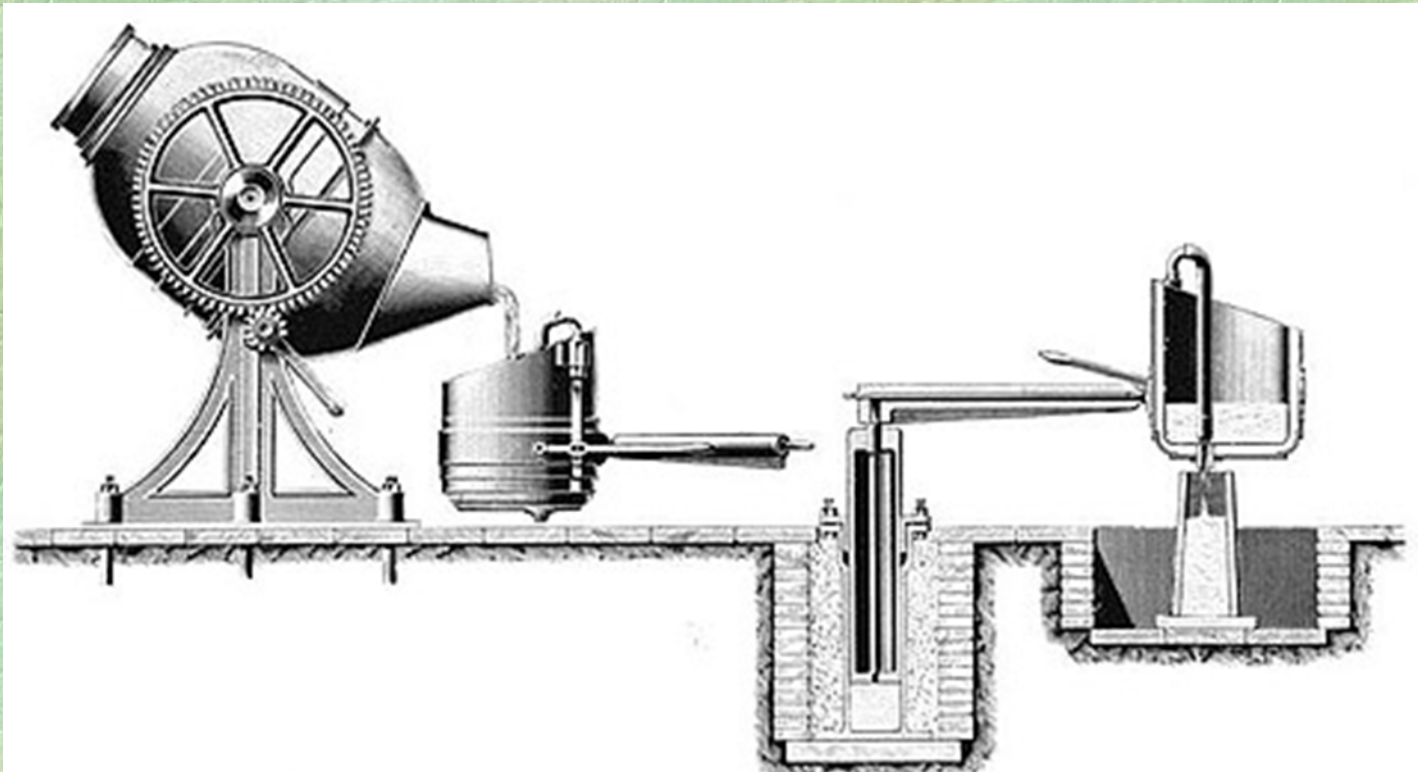


FIG. 11. EARLY FORM OF BESSEMER CONVERTING PLANT AT SHEFFIELD

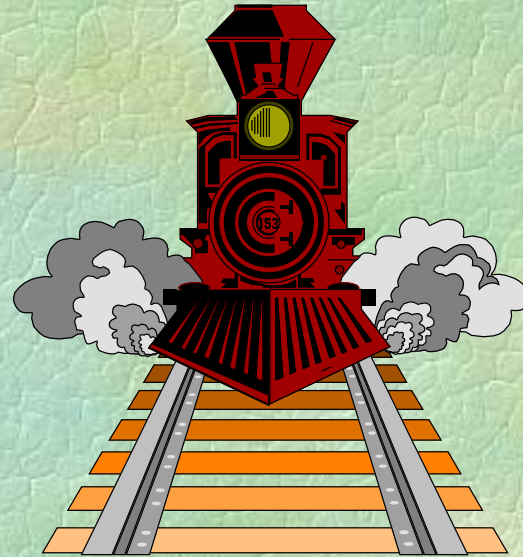




Need for Better Transportation

☞ Inventions

- asphalt roads
- canals
- railroads (1829)



☞ Effects of railroads

- cheaper transportation=more goods=more \$
- fueled other industries: coal, steam engine, iron and steel

On the Left side of your notebook:

- ✎ Make a simple illustration of an urban area in the industrial era. Below it, write a description of a day in the life of a city dweller from sunup to sundown.



Why Britain?

☞ Geography

- climate
- natural resources

☞ Government

- encouraged and supported

☞ Social Factors - less rigid society

☞ Colonial empire

☞ No competition