

[14.1]

Resources, Ideas,  
Markets or Inventions



Impact

• Black Gold (oil)

- Oil
- Greatly increased automobile popularity
- Used to transfer into gasoline
- Most important form is gasoline

• Steel

- Made by removing carbon from iron, which was plentiful
- Does not rust
- Lighter, more flexible than iron
- Steel used to create many miles of railroad
- Wire used to reinforce ship-deckers

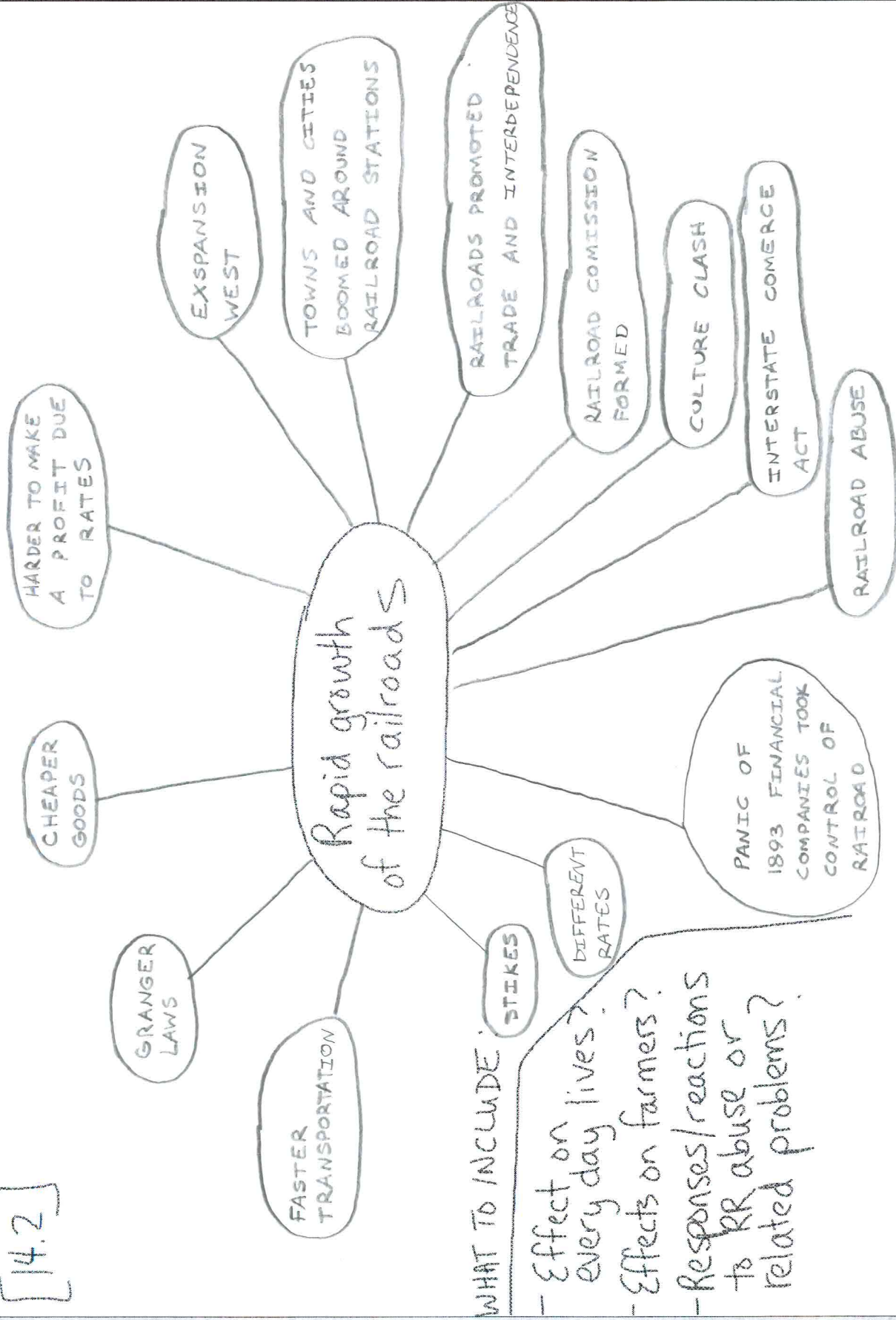
Electricity

- Used as a cheap form of power for machines
- Allowed companies to build factories in locations other than around water
- Urban travel became cheap with electric streetcars

Telephone / Typewriter

- Created many new jobs
- Greatly improved office work
- Factory work conditions became much better
- Many new jobs opened up for women

[4.2]



[14.3]

Working Conditions/  
Pay / Urban Problems

→ Union movement

SKILLED LABOR UNIONS

- NLU (National Labor Union)
- American Federation of Labor (AFL)

← American Railways Union →

- United Mineworkers of America
- International Workers' Order of America
- Sugar Beet Workers' Union
- Sugar Beet ?

UNSKILLED LABOR UNIONS

Knights of Labor

SOCIALIST/RADICAL ORGANIZATIONS

- Inequality workers of the world (IWW)

Link to:

SPECIFIC EVENTS  
(i.e. strikes, laws, etc.)

- U.S. Steel strike of 1937
- Pullman Company Strike
- Great Strike of 1877
- Haymarket Affair
- Homestead Strike

Farm Laborers  
Minimum Standard

## Benefits of

### Industrialization

Electricity and expansion  
increase in communication  
skyscrapers, barbed wire  
time saving appliances,  
electric cars (street)  
specialization of industry  
in cities  
increase in employment  
farm machinery  
advancements  
steel made building bridges  
easier more efficient  
new technologies  
factories could locate plants  
anywhere

## Costs of

### Industrialization

Factory conditions = very poor  
Long work hours  
overcrowding in cities  
tenement barracks, monopolies  
robber  
lower wages → lower living  
conditions  
strikes  
Reduced human workers worth