

Ch. 9.1

# The Rise of Industry

# Objectives

- Identify the effects of expanding population on industry
- Explain the effects of technological innovations such as the telephone and telegraph on American development.

# U.S. Industrializes

## I. U.S. Industrializes

**GDP** – total value of all goods and services produced by a country in a given year.

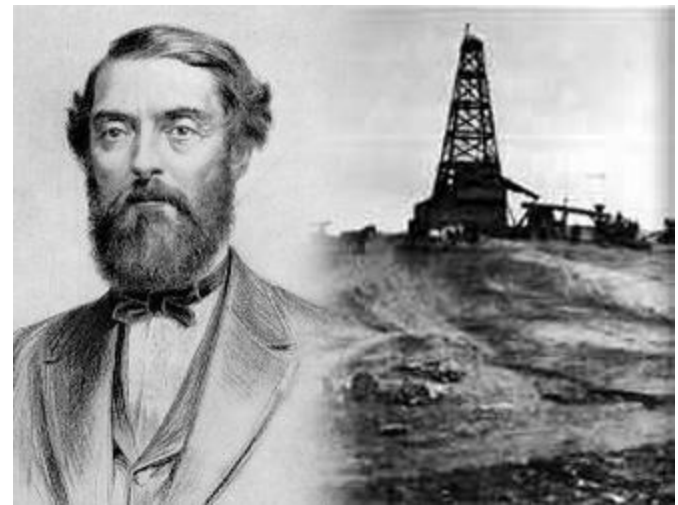
### A. Natural Resources

1. Abundant – no need to import

a. coal = Appalachians

b. iron = Rockies

c. Oil = HERE!



# The first oil well was drilled near Titusville, Pennsylvania, by

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25% ■ a. Alexander Graham Bell.

25%  ■ b. Edwin Drake.

25% ■ c. Thomas Alva Edison.

25% ■ d. Elisha Otis.

# Large Workforce

## B. Large Workforce

### 1. Population Growth:

#### a. Larger Families

-more food

\*carrying capacity

#### b. Immigration

- E. Europeans

- Chinese



# What were equally as important as natural resources in the nation's rapid industrialization?

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25% ■ a. political systems

25% ■ b. tariff laws

25% ■ c. new technology

25% ✓ d. human resources



# Supporters of laissez-faire generally oppose subsidies and favor

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25% ■ A. tariffs.

25% ■ b. high prices.

25% ✓ ■ c. free trade.

25% ■ d. monopolies.



# New Inventions

## II. New Inventions

### A. Technology

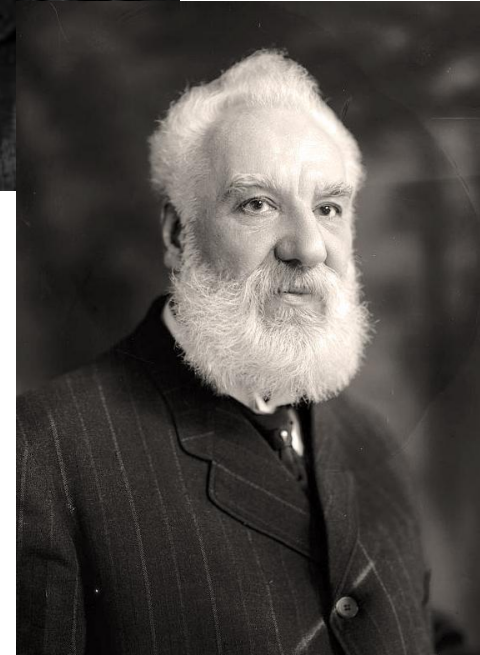
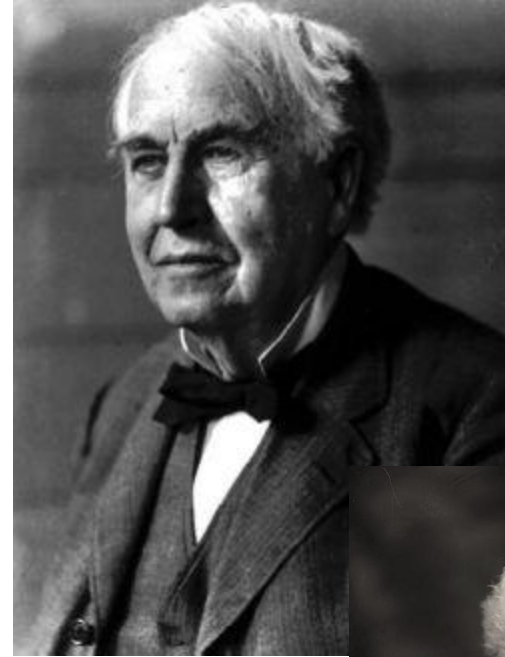
#### 1. Thomas Edison

-light bulb

-electric generator

#### 2. Alexander Graham Bell

-telephone



Who invented the telephone, who revolutionized both business and personal communication?

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25%  a. Alexander Graham Bell

25%  b. Thomas Alva Edison

25%  c. Edwin Drake

25%  d. George Pullman

By the early 1900s, Americans had transformed the United States into the world's leading

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25%      ■ a. gross national product.

25%    ✓ ■ b. industrial nation.

25%      ■ c. laissez-faire country.

25%      d. military establishment