



**Section 3**

In the first column of the matrix, draw a symbol to represent each invention. Then complete the second and third columns.

<b>Invention</b>	<b>Inventor</b>	<b>Impact of the Invention</b>
<b>Bessemer process</b>   (symbol)		
<b>Electrical power station</b>   (symbol)		
<b>Telephone</b>   (symbol)		
<b>Mass production</b>   (symbol)	Several people contributed to this invention, which was made popular by Henry Ford.	
<b>Airplane</b>   (symbol)		

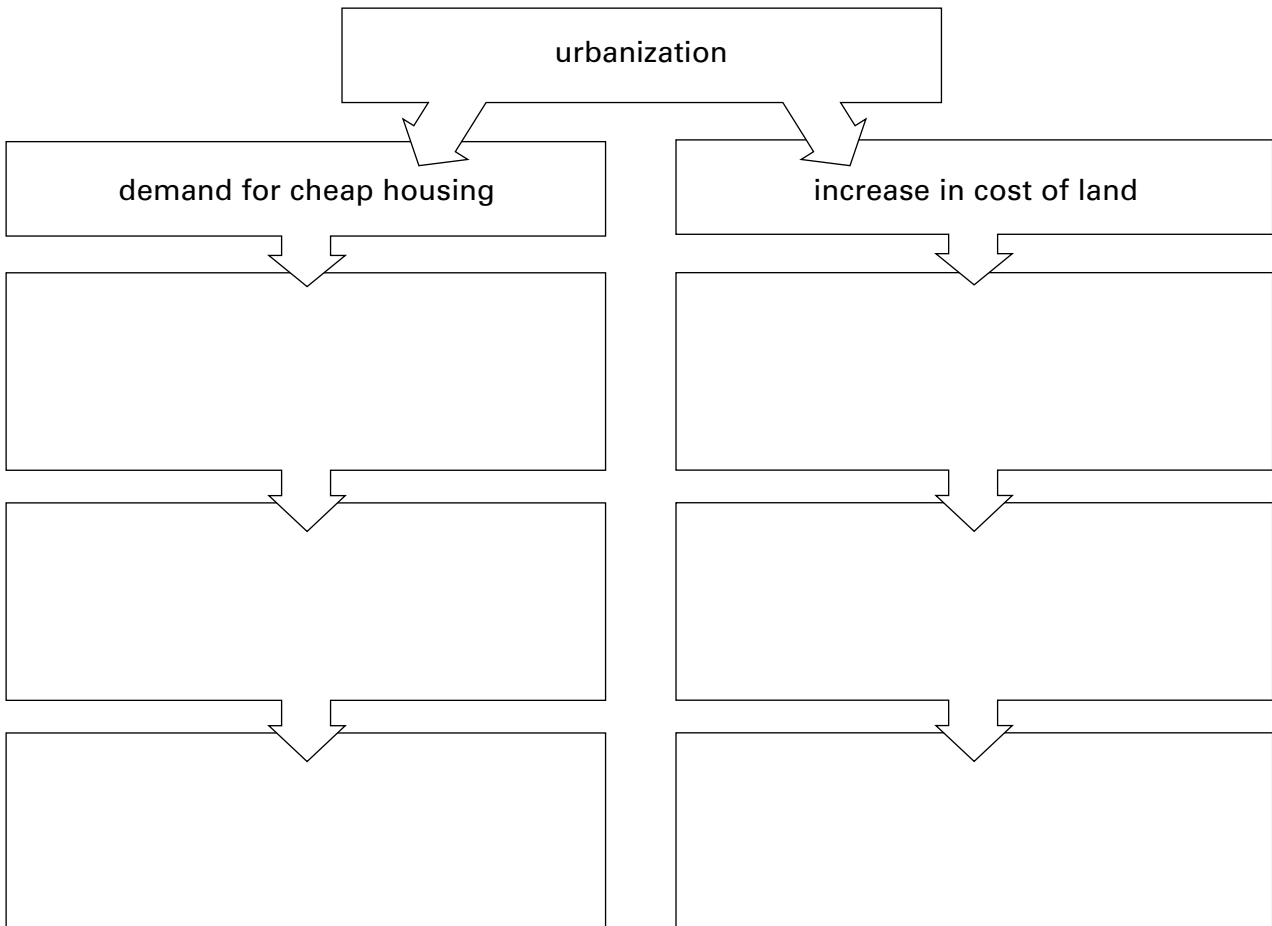
**Section 4**

1. How did John D. Rockefeller and Andrew Carnegie increase the size of their businesses?
  
2. What did the *Chicago Tribune* mean when it warned that “liberty and monopoly cannot live together”?

---

**Section 5**

Complete the flowchart to show the effects of urbanization on the nation.





**Sections 2 to 7**

**If your class is doing the activity for this lesson, complete the matrix below.**

*(Note: If your class is not doing the activity, skip this matrix.)*

Complete the matrix to compare the classroom experience of making shirtwaist blouses to history.

<b>Classroom Experience</b>	<b>Historical Connection</b>
Students created individual shirts.	Craftspeople worked from their homes to produce textiles as part of the cottage industry.
	Mass-production techniques, like assembly lines, enabled workers to produce more goods per day at less cost.
Students were more productive with pencils and full sheets of paper than with crayons and half-sheets of paper.	
	Many businesses merged during the Industrial Revolution to be more productive.
	Many companies moved to big cities, where factory space was limited.
Immigrants were willing to replace workers for fewer points.	
	Working conditions in factories were usually poor.
Students' bodies and hands hurt from drawing the same part over and over.	
	Assembly workers became alienated from their supervisors.
Some students complained and threatened to strike.	

## P R O C E S S I N G

*On a separate sheet of paper, write a dialogue between a factory owner and a worker that highlights the costs and benefits of industrialization in the early 1900s. Your dialogue must*

- begin with these opening lines:

**Worker:** The workers in this factory aren't happy. They demand changes!

**Owner:** You are lucky to be working in this modern factory!

**Worker:** I've got a list of complaints and I demand to know what you will do about them. To begin with, . . .

- contain at least four concerns of workers at the turn of the century.
- contain a response by the factory owner to each concern.
- use these terms: *assembly line, working conditions, labor unions, strike, profit.*
- use language that reflects the passionate feelings of workers and owners.
- be free of spelling and grammatical errors.

## R E A D I N G   F U R T H E R

**Preparing to Write: Identifying Effects**

Thomas Edison is known as a man who revolutionized the world. His inventions changed people's everyday lives in profound ways.

Edison did not actually invent most of the conveniences that W. G. Lathrop described in her letter. What do these devices have in common, for which she thanks the inventor?

What made the phonograph seem magical when it was first invented?

What were some practical uses of the phonograph that Edison suggested?

How do you think the first electric lights would have changed people's lives?

In what way does a movie do "for the Eye what the phonograph does for the Ear"?

### Writing an Explanatory Paragraph

W. G. Lathrop gave Thomas Edison credit for all of the electrical appliances and machines in her home. How would your life be different if Edison had not invented a successful lightbulb or figured out how to distribute electricity throughout neighborhoods? Write a paragraph explaining how your life would be different without Edison’s electrical inventions.

Use this rubric to evaluate your paragraph. Make changes in your paragraph if you need to.

Score	Description
3	The paragraph gives multiple differences between life with and without electricity. There are no spelling or grammar errors.
2	The paragraph gives some differences between life with and without electricity. There are some spelling or grammar errors.
1	The paragraph does not give differences between life with and without electricity. There are many spelling or grammar errors.