

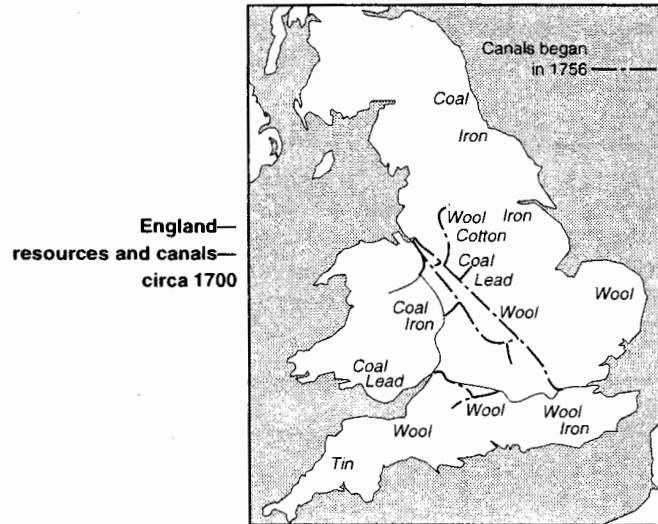
a thesis that directly answers the question.

4. Organize supportive and relevant information into a brief outline.
5. Write a well-organized essay proving your thesis. The essay should be logically presented and should include information both from the documents and from your own knowledge outside of the documents.


Question: *Why did the Industrial Revolution begin in England?*

◆ **Part A:** Examine each document carefully, and answer the questions that follow.

Document 1



(continued)

Document-Based Assessment 
Activities for Global History Classes

DBQ 12: The Industrial Revolution: Beginnings *(continued)*

According to the map, what resources did England have that were needed for industrialization?

Why were factory workers available? _____

Document 3

The following excerpt from Adam Smith's *Wealth of Nations* written in 1776 describes the assembly line used in factories.

I have seen a small manufactory [factory] of this kind where ten men only were employed, and where some of them performed two or three distinct operations. . . . They could . . . make among them . . . upwards of 48,000 pins in a day. . . . But if they had all wrought [worked] separately and independently . . . they certainly could not each of them have made twenty . . . in a day.

According to Smith, why were workers in a factory so productive? _____

Document 4

Here is an excerpt from *Landmarks in English Industrial History*, a book written by George Warner in 1899

England . . . has been fortunate in possessing the natural conditions necessary to success. . . . We recognize that England is rich in these advantages, that she has coal and iron lying close together, that her sheep give the best wool, that her harbors are plentiful, that she is not ill-off for rivers, and that no part of the country is farther than seventy miles from the sea.

How did geography help England industrialize? _____

DBQ 12: The Industrial Revolution: Beginnings (continued)

Document 5

This excerpt is from *The Industrial Revolution* by Thomas S. Ashton

... systematic thought lay behind most of the innovations in industrial practice. Invention ... rarely thrives in a community of simple peasants or unskilled manual laborers: only when division of labor has developed ... does it come to harvest. The stream of English scientific thought was one of the main tributaries [causes] of the industrial revolution ... discoveries in different fields of activity were linked together. ...

How did innovation lead to the Industrial Revolution in England? _____

Document 6

Changes in textile machinery		
Inventor	Invention	Importance
John Kay	flying shuttle	Increased speed of weaving
James Hargreaves	spinning jenny	Spun 8–10 threads at a time; used at home
Richard Arkwright	water frame	Large spinning machine driven by water in factory
Edward Cartwright	power loom	Water powered; automatically wove thread into cloth
Eli Whitney	cotton gin	Separated seed from raw cotton

Which three inventions were most important in increasing textile production? Explain your answer.

(continued)



DBQ 12: The Industrial Revolution: Beginnings *(continued)*

Document 7

Changes in agriculture		
Inventor	Invention	Importance
Jethro Tull	horse-drawn seed drill	Planted seeds in straight rows
Robert Blakewell	stock breeding	Improved quality of animals to produce more meat, milk, and wool
Cyrus McCormick	mechanical reaper	Made grain harvesting easier

What was the result of these changes in agriculture in England? _____

Document 8

The following excerpt is from *The Farmer's Tour Through the East of England* by Arthur Young, 1771.

As I shall leave Norfolk, it is proper to give a review of the farming methods which have made . . . this country so famous in the farming world. . . . The great improvements have been made by the following methods.

- By enclosing without the help of Parliament
- By the introduction of a four year rotation of crops
- By growing turnips, clover, and rye grass
- By the country being divided chiefly into large farms

How did these four changes in agriculture enable England to industrialize more easily? _____

Document 9

This excerpt is from *The Industrial and Commercial Revolutions in Great Britain During the Nineteenth Century* by L.C.A. Knowles

When one realizes the thousands of internal tariffs that obstructed [slowed down] traffic in Germany up to 1834 and the innumerable tolls and charges that hindered trade in France before 1789 . . . it is clear that the political and economic freedom in England was one of the causes of her industrial expansion.

What were two reasons cited by Knowles to explain industrialization in England? _____

◆ Part B—Essay

Why did the Industrial Revolution begin in England?