



COTTON 9th-12th Grade Worksheet connection

LINT LOGIC



How many more pounds of lint can be separated in one hour using a modern cotton gin versus the first cotton gin in 1793?



You are opening a hotel and need 4,000 bath towels, 1,000 bed sheets, and 2,000 pillowcases. What is the minimum amount of cotton bales you need to make these products?



A factory produces cotton fabric. The factory has two machines: Machine A, which produces 300 meters of fabric per hour, and Machine B, which produces 450 meters of fabric per hour. Machine A runs for X hours and Machine B runs for Y hours. The factory needs 6000 meters. Write an inequality.



If Machine A runs for 8 hours, what is the minimum number of hours Machine B must run to meet the production requirement of 6000 meters?

TEKS:

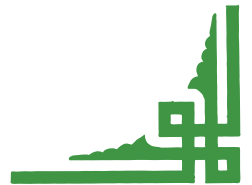
Social Studies:

United States History Since 1877: § 113.41.2.C, §113.41.27.B
Social Studies Research Methods: §113.48.3.B

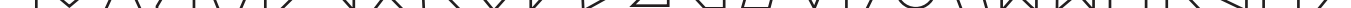
Math:

Algebra 1: §111.39.2.A, §111.39.5.B
Algebra 2: §111.40.3.F

***Write a menu using food that can be cooked using cottonseed oil.
Include an appetizer, main course, and a dessert.***



Use the key below to break the code for the phrases below.

a b c d e f g h i j k l m n o p q r s t u v w x y z


1.  

2.

3. 