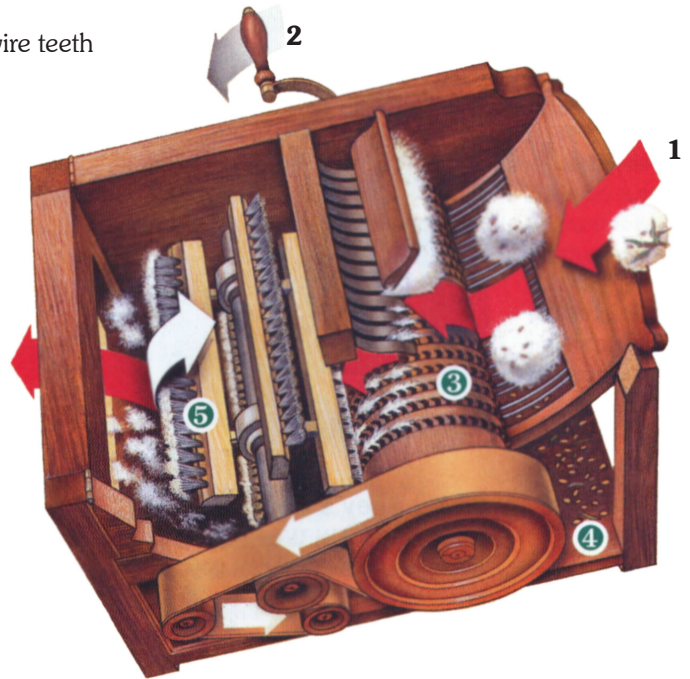


## Linking History and Technology

### Understanding the Cotton Gin

1. Cotton bolls, made up of fiber and seeds, are fed into the cotton gin. The arrows show the path of the cotton through the gin.
2. As the handle is turned, the cylinder and brushes rotate.
3. Wire teeth catch the cotton bolls and pull them through narrow wire slots.
4. The seeds that are too large to pass through the slots fall to the bottom of the gin.
5. Rotating brushes pull the cleaned cotton from the wire teeth and sweep it out of the gin.



### What can you make from a bale of cotton?

One bale of cotton weighs about 480 pounds and is about the size of your refrigerator.

From that bale, you can make:

215	Pairs of jeans
409	Men's sport shirts
690	Terry bath towels
765	Men's dress shirts
1,217	Men's t-shirts
3,085	Diapers
4,321	Mid-calf socks
313,600	\$100 bills

