

Do YOU know the difference between



WOOL & COTTON?

Wool and **cotton** are both used to make many things, including clothes we wear, but come from very different places.

Wool comes from sheep. Alpacas and llamas also produce fiber. Sheep are usually shorn once a year. Shorn is another word for shearing sheep, or cutting their wool off. Shearing a sheep is like getting your hair cut! The wool shorn from animals is called fleece.

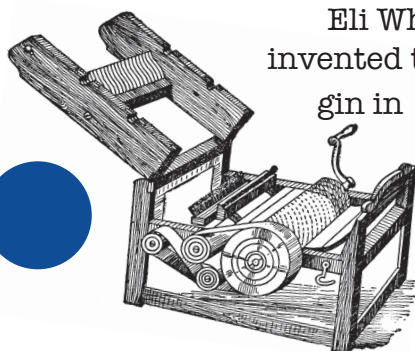
Wool provides excellent protection from cold and wet weather. Even if your wool sweater gets wet from snow or rain, it will still keep you warm.

Cotton is a soft fiber that grows around the seeds of the cotton plant. It is the most common natural textile in use today.

Cotton is planted late in the spring and harvested in the fall. Cotton seeds are sticky and sometimes difficult to separate from the cotton fiber. Before the invention of the cotton gin the process was extremely labor-intensive. The gin, short for engine, could do the work 10 times faster than by hand.



One pound of **wool** can make **10 miles** of yarn.



Eli Whitney invented the cotton gin in **1793**.



U.S. currency is made of **75% cotton**

Sheep are the only source of lanolin - grease that comes from wool before it is washed. Lanolin is used in lotions and cosmetics.



A bale of cotton weighs **480 pounds**.

A module of **cotton** is harvested in the field. The module is processed at a cotton gin and is made into smaller bales.



Cotton vs Wool

Cotton comes from plants.

Clothes made of cotton are cooler and can be worn in the summer.

Cotton garments can be easily washed.

Wool comes from sheep.

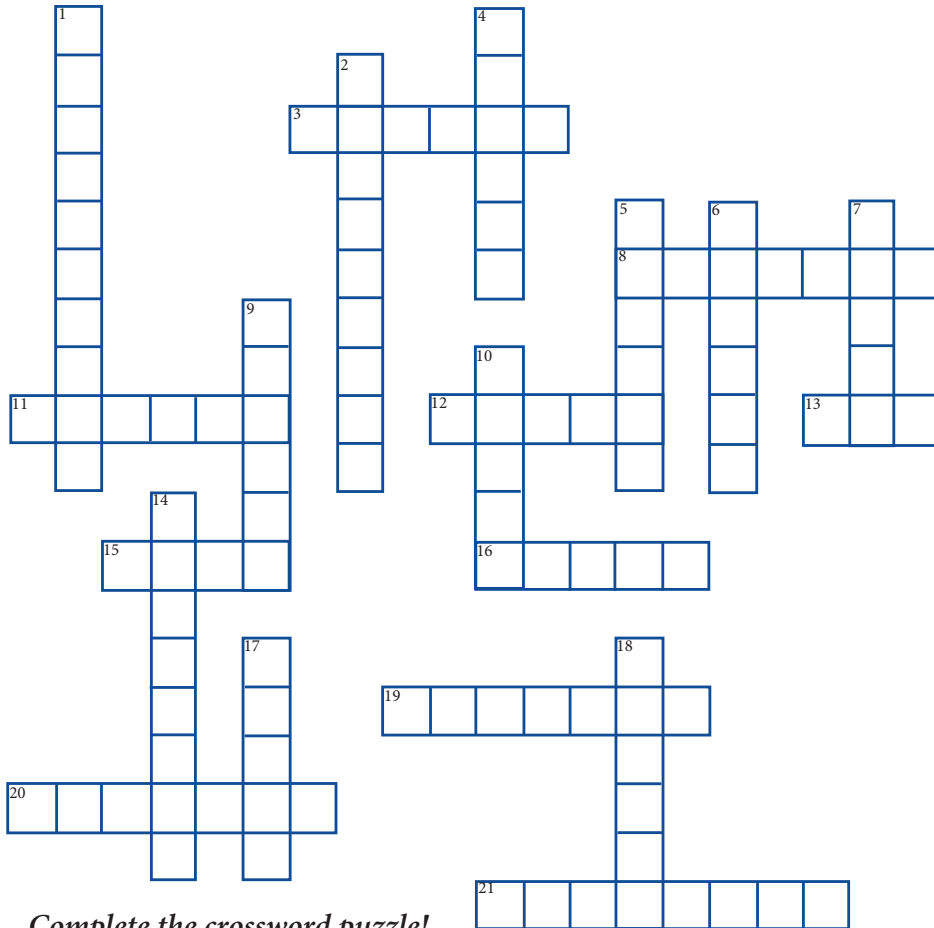
Clothes made from wool are used in the winter as they provide warmth.

Woolen garments are dry-cleaned.



One sheep produces **8-10 pounds of wool** per year.

Is it Wool or Cotton?



Complete the crossword puzzle!

Across:

3. Common natural textile is ____
8. Cotton seeds are crushed to make ____
11. Cotton ____ is found in field
12. Sheep are ____ once a year
13. Wool garments are ____ cleaned
15. ____ of cotton weighs 480 pounds
16. Cotton grows on a ____
19. ____ and llamas produce fiber
20. Eli ____ invented cotton gin
21. US ____ is 75% cotton

Down:

1. Wool provides ____ from weather
2. Cotton is in the ____ family
4. Cotton clothes are ____ to wear
5. Cotton is planted in ____
6. Cotton seeds are fed to ____
7. Cotton is a soft ____
9. Wool is also called ____
10. Wool grows on ____
14. Cotton ____ can be washed
17. One pound wool makes 10 ____ yarn
18. Wool clothes are ____ than cotton

Cotton seeds are fed to cattle and crushed to make oil, rubber and plastics.



Cotton Seeds



Cotton Plant



Cotton Flower



Cotton Sprout

The cotton plant belongs to the same family as hollyhock, okra and hibiscus.

Draw your own cotton plant cycle

