

Skein Winder Ratios

Grade 6 Math

Student Name: _____ Date: _____

It will take 110 yards of thread to make enough material for one shirt that is a blend of linen, wool, and cotton.

1. If the shirt is made up of 53% linen, and 19% wool, what percent of cotton is needed to complete the shirt?

2. How many yards of each type of thread are needed?



linen	wool	cotton

When the skein winder “pops” at 100 turns the weaver will have wound a full skein of thread which is 675 feet.

3. If the weaver only needs 240 feet of thread, what percent of 1 skein would that be?

4. How many times will the weaver need to turn the wheel to wrap that many feet of thread?

