Assignment 6

Due on 2019-08-11, 23:59 IST.

1. Select the yarn count for an 18 gauge single-bed circular knitting machine.
   Accepted Answers: 180
   7/7

2. A cotton warp yarn has 250 courses per inch and 250 wales per inch. Find the number of loops in the fabric if its length and width are 100 cm and 60 cm, respectively.
   Accepted Answers: 150000
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3. A cotton warp yarn is reeled at a speed of 800 yards per minute and is used at a speed of 500 yards per minute. Find the waste factor and the number of loops in the fabric if the length and width are 100 cm and 60 cm, respectively.
   Accepted Answers: 1
   7/7

4. A single jersey fabric having 10 courses/inch and 80 wales is processed on a flatbed machine of 10 gauges. The carrier is braking on the machine with an average speed of 5 inches per minute. Find the time taken (in min) to make a complete fabric.
   Accepted Answers: 1
   7/7

5. A cotton fabric is produced on a circular knitting machine. Find the number of loops in the fabric if its length and width are 100 cm and 60 cm, respectively.
   Accepted Answers: 150000
   7/7

6. A single jersey fabric having 10 courses/inch and 80 wales is processed on a flatbed machine of 10 gauges. The carrier is braking on the machine with an average speed of 5 inches per minute. Find the time taken (in min) to make a complete fabric.
   Accepted Answers: 1
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7. A single jersey fabric having 10 courses/inch and 80 wales is processed on a flatbed machine of 10 gauges. The carrier is braking on the machine with an average speed of 5 inches per minute. Find the time taken (in min) to make a complete fabric.
   Accepted Answers: 1
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8. A single jersey fabric having 10 courses/inch and 80 wales is processed on a flatbed machine of 10 gauges. The carrier is braking on the machine with an average speed of 5 inches per minute. Find the time taken (in min) to make a complete fabric.
   Accepted Answers: 1
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9. A single jersey fabric having 10 courses/inch and 80 wales is processed on a flatbed machine of 10 gauges. The carrier is braking on the machine with an average speed of 5 inches per minute. Find the time taken (in min) to make a complete fabric.
   Accepted Answers: 1
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10. A single jersey fabric having 10 courses/inch and 80 wales is processed on a flatbed machine of 10 gauges. The carrier is braking on the machine with an average speed of 5 inches per minute. Find the time taken (in min) to make a complete fabric.
    Accepted Answers: 1
    7/7