Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_\_\_

**Reviewing and problem solving your sewing machine**

**Use the Janome 625E machine manual to assist you in finding all parts**

1. Locate the needle up/down button. Push it, what happens? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Push the **bobbin winder** to the right and now push the needle up/down button. What happens? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Now disengage the bobbin winder and push the needle up down button. What happens? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Locate the speed control slider. Run the machine at different speeds. Now engage the bobbin winder by pushing it to the right, and run the machine at the fastest speed. What happens to the machine speed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Remove the extension table and find the drop feed lever. Lower the feed dogs and try to sew on a piece of paper. What happened? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Now engage the feed dogs again and sew on the piece of paper. What is the purpose of the feed dogs? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Put a piece of paper under the machine and **DO NOT** lower the pressure foot and sew. Does the paper move forward or stay in the same spot? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Have the presser foot in the upright position. How much extra can it be lifted? (p14) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. What may you need this extra space? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. Pull out the hand-wheel and press on the foot pedal. What happened? \_\_\_\_\_\_\_\_\_\_\_\_\_
10. When do you want to make sure the hand wheel is pulled in the outward position? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. Why do you NOT want to move the pattern selector dial while the needle is in the fabric or in the down position? (p.32) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12. Tension (p.36). When sewing a straight stitch, where should the threads lock?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Find the “trouble shooting guide”. Give 3 reasons for skipped stitches
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**DO NOT HAND IN – WILL MARK AS A CLASS TOGETHER**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_\_

**Sample Sewing**

* Wind your bobbin and thread your machine. Please check with teacher or Student Aid before starting.
* Test your machine set up and threading by sewing on a scrap piece of material. Stitches should look normal

**Using a precut 6 X6 material sew the following stitches**

1. Sew a row of straight stitch (A) with each of the lengths from 1-4.

*Pin below and mark each one with a pen or marker.*

**\*\* make sure your thread tension is correct**

1. Sew 4 lines of the C (regular zigzag), length on 2.5, width changes from 5,3,1,0.5

*Pin below and mark each one*.

**\*\* make sure your thread tension is correct**

**Using another precut 6 X6 material sew the following stitches**

1. Sew the following
   1. A regular straight stitch at a 1.5 cm seam allowance
   2. A regular straight stitch at a **.6 cm** seam allowance (the edge of the pressure foot)
   3. Sew the multizigzag (5,D,1.5) as a seam finish (***as close to the edge of the material)***
   4. Sew **a very narrow zigzag** (.5,C,2.5) at a .6cm seam allowance
   5. Sew a pivot using the cornering guide at a 1.5 cm seam allowance

**Pin both samples here and ensure they are labeled.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sample #1 and #2** | **Yes** | **Partially** | **Not quite** |
| Straight stitch from length 1-4 |  |  |  |
| Regular Zigzag width 5,3,1 and 0.5 |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Sample #3** | **Yes** | **Partially** | **Not quite** |
| 1. Regular stitch @ 1.5 cm |  |  |  |
| 1. Regular stitch @ .6cm |  |  |  |
| 1. Multizigzag as a seam finish |  |  |  |
| 1. Very narrow zigzag @ .6 cm |  |  |  |
| 1. Pivot @1.5 cm with straight stitch |  |  |  |