STUDENT WORKSHEET

PROCEDURE TEXT

Name :

Class :

LIVEWORKSHEETS

Activity 1

Draw or drag a line from the left to the right to match with its function!













rotate the workpiece (utting, facing, drilling, turning, and threading)

remove material from a workpiece

measure small dimensions like thickness or diameter

measure the length, depth, and diameter of objects

sharpening cutting tools and finishing surfaces

drill holes into metal, wood, or plastic with high precision.

LIVEWORKSHEETS

Activity 2

Put the sentences in the correct order to show How to Use a Vernier Caliper.



Read the measurement on the main scale.
Place the object between the jaws of the caliper.
Record the final measurement.
Close the jaws until they touch the object firmly.
Check the vernier scale for the precise reading.
Hold the caliper properly in your hand.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

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Activity 3

Listen to the audio below to complete the blanks and give the best answer



Press the audio button

To operate a drilling machine, first make sure that the _____ is fixed securely on the machine table using a clamp or a vice. Then, choose the correct _____ bit and insert it into the chuck. After that, adjust the _____ of the machine according to the material. Next, lower the drill slowly and start drilling by applying steady _____. Do not force the drill, and always keep your _____ away from the rotating parts. Finally, turn off the machine and remove the workpiece carefully when the drilling is finished.

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Activity 4

Please read this text procedure first carefully and then after that answer the questions!

How to Use a Grinding Machine

To use a grinding machine, first check the machine and make sure the grinding wheel is in good condition. Then, secure the workpiece firmly on the work table or by using a vice. After that, turn on the machine and allow the wheel to reach full speed before starting the grinding process. Next, move the workpiece slowly and carefully against the rotating wheel. Do not press too hard, because too much pressure can damage the wheel or the workpiece. Finally, turn off the machine after finishing, and clean the area to keep the workplace safe.

Questions

1. What should you check first before using a grinding machine?
2. How do you make sure the workpiece is stable during grinding?
3. Why do you need to wait until the wheel reaches full speed?
4. What can happen if you press the workpiece too hard against the wheel?
5. What should you do after finishing the grinding process?

Answers

1.

2.

3.

4.

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