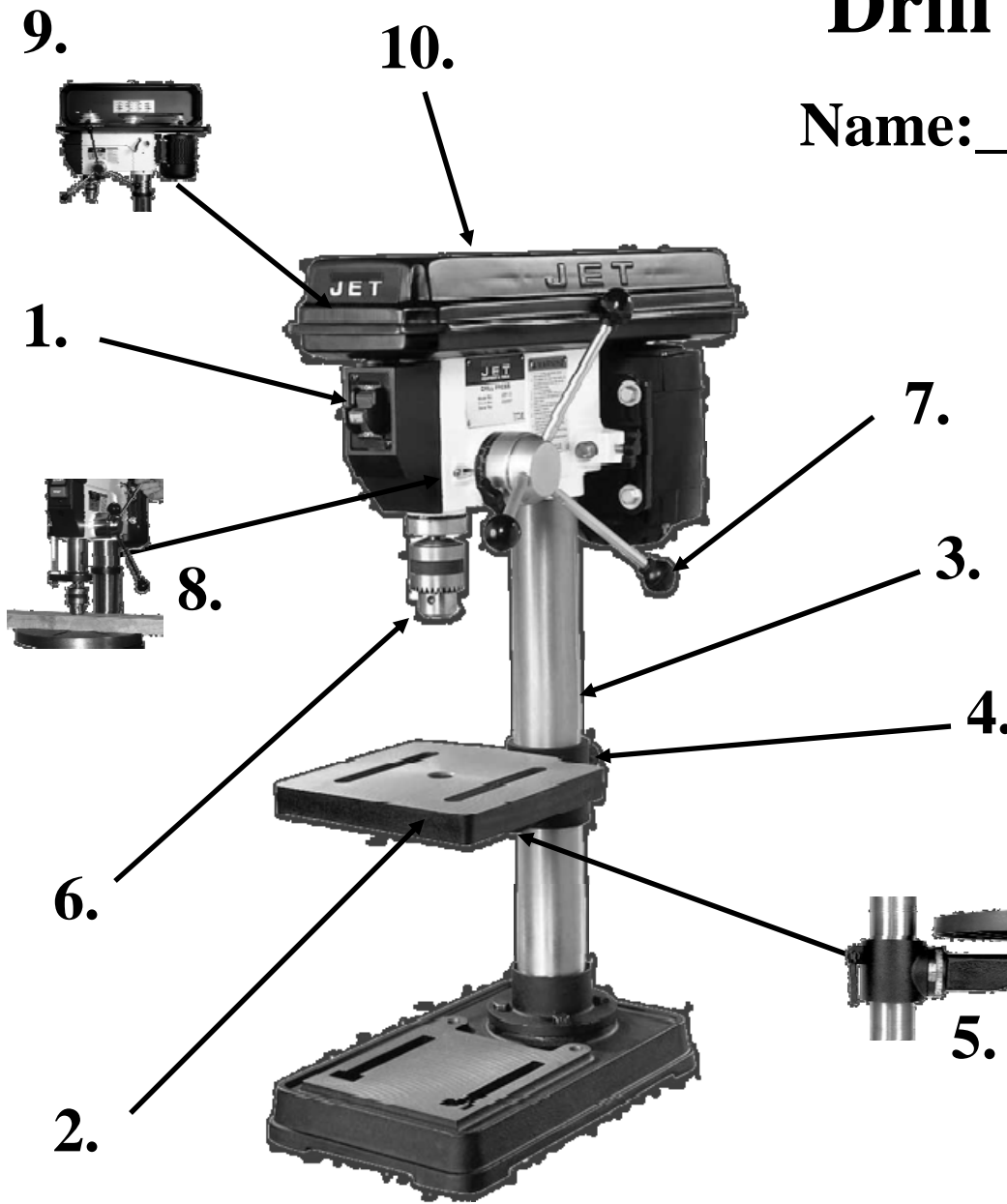


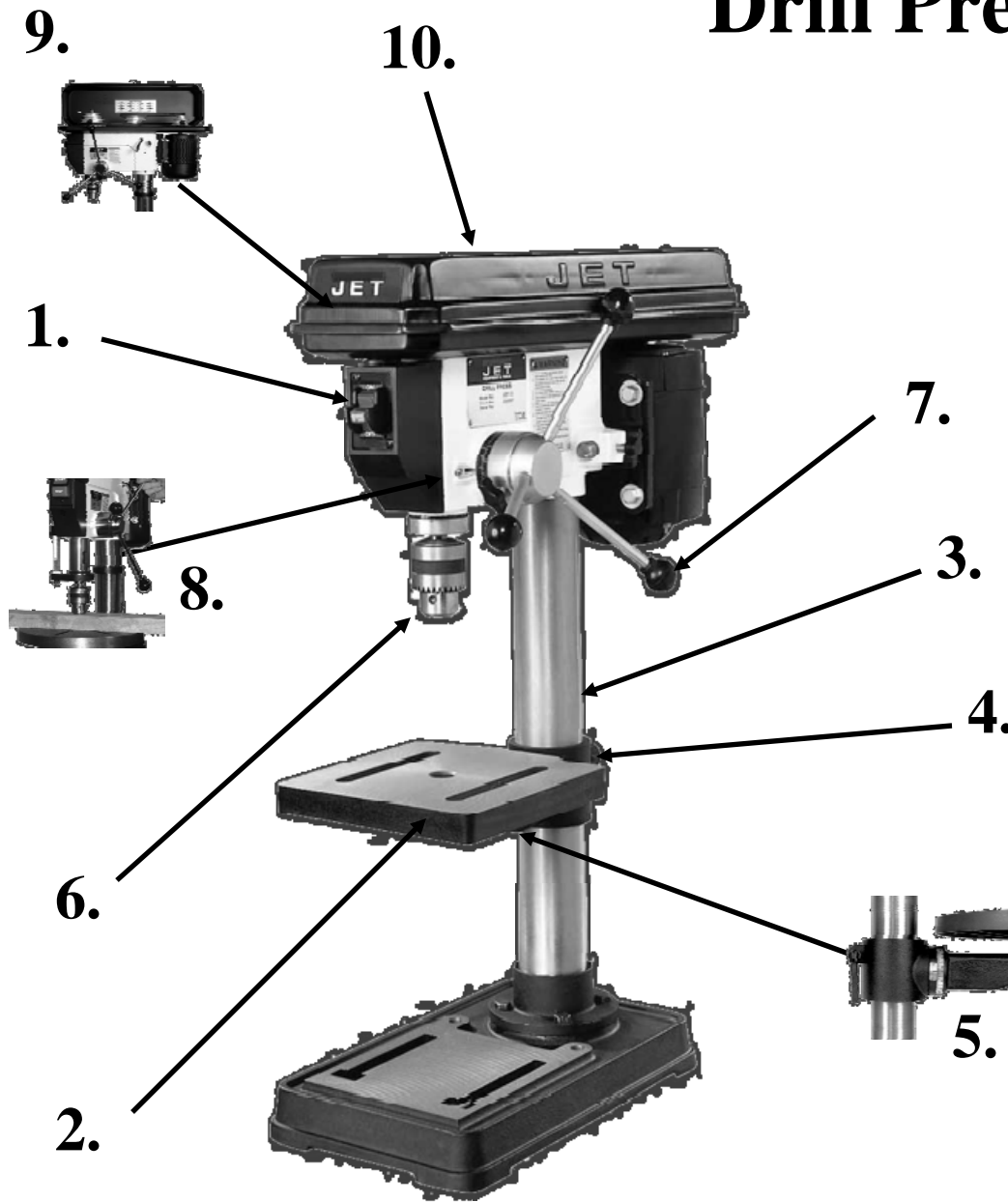
# Drill Press Exam- Part 1

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



- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_
- 9. \_\_\_\_\_
- 10. \_\_\_\_\_

# Drill Press Exam- Part 1 Key



1. On/Off Switch
2. Table
3. Column
4. Table Locking Clamp
5. Index Pin
6. Key Chuck
7. Universal Feed Lever
8. Depth Stop
9. Speed Adjustment
10. Safety Guard

# Drill Press Exam- Part 2

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

Complete the sentences so that you demonstrate knowledge of drill press safety rules.

- **Check the speed setting to see:**

— \_\_\_\_\_

- **Only use a type of bit that is:**

— \_\_\_\_\_

- **Mount the bit so that it is:**

— \_\_\_\_\_

- **After mounting the bit, remove**

— \_\_\_\_\_

- **Position the table and feed stroke to avoid**

— \_\_\_\_\_

# Drill Press Exam- Part 2 (cont.)

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

Complete the sentences so that you demonstrate knowledge of drill press safety rules.

- The work should be placed on a wood pad when

— \_\_\_\_\_

- Work that will be used by hand should be

— \_\_\_\_\_

- Small or irregular shaped pieces should be

— \_\_\_\_\_

- The drill bit will overheat if it is not

— \_\_\_\_\_

- When using jigs or fixtures, always

— \_\_\_\_\_

# Drill Press Exam- Part 2 Key

- **Check the speed setting to see**
  - that it is correct for your work; holes over  $\frac{1}{2}$  in. should be bored at the lowest speed.
- **Only use a type of bit that is**
  - approved by the instructor. Drill bits with feed screws or are excessively long should not be used.
- **Mount the bit so that it is**
  - secure and to the full depth of the chuck and in the center.
- **After mounting the bit, remove**
  - the key from the chuck.
- **Position the table and feed stroke to avoid**
  - having the drill bit strike the table.

## **Drill Press Exam Key- Part 2 (cont.)**

- **The work should be placed on a wood pad when**
  - drilling holes all the way through.
- **Work that will be used by hand should be**
  - center punched.
- **Small or irregular shaped pieces should be**
  - clamped to the table or held securely in a jig.
- **The drill bit will overheat if it is not**
  - fed slowly and withdrawn frequently to clear shavings and get air.
- **When using jigs or fixtures, always**
  - have an instructor inspect it before turning on the power.