

Use with Chapter 13  
Section 13.1

# Life Cycle of a Thunderstorm

*★ Use Figure 13-3 p. 332 to answer questions*

1. What factor determines the classification of a thunderstorm stage?  
\_\_\_\_\_
2. What is the first stage in the formation of a thunderstorm?  
\_\_\_\_\_
3. What causes air to rise in stage 1?  
\_\_\_\_\_
4. What event signals the beginning of stage 2?  
\_\_\_\_\_
5. Summarize what happens during the mature stage.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. What is the last stage in the formation of a thunderstorm?  
\_\_\_\_\_
7. What happens to the updrafts inside the cloud during the last stage?  
Explain your answer.  
\_\_\_\_\_  
\_\_\_\_\_
8. During which stage does the storm cloud cover the greatest vertical distance through the atmosphere?  
\_\_\_\_\_

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Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

**MESO**  
**Thunderstorms Module**  
**Note / Study Sheet**

Use your text book or the web to find the three stages of thunderstorm development.  
Neatly sketch, label and describe each stage in the space below.

Thunderstorm Sketch	
Stage 1 - _____	Stage 1 - The _____ stage _____ _____ _____ _____ _____ _____ _____ _____ _____
Stage 2 - _____	Stage 2 - The _____ stage _____ _____ _____ _____ _____ _____ _____ _____ _____
Stage 3 - _____	Stage 3 - The _____ stage _____ _____ _____ _____ _____ _____ _____ _____ _____