

## Chapter 15

Text Pages 432–439

## STUDY GUIDE

## ● Weather Patterns

Fill in the sentence outline using information from Section 15-2 in your textbook.

**I. Changes in Weather**

A. An air mass is \_\_\_\_\_  
\_\_\_\_\_

B. A front is \_\_\_\_\_  
\_\_\_\_\_

1. A warm front develops when \_\_\_\_\_  
\_\_\_\_\_

2. A cold front forms when \_\_\_\_\_  
\_\_\_\_\_

3. A stationary front forms when \_\_\_\_\_  
\_\_\_\_\_

4. An occluded front results when \_\_\_\_\_  
\_\_\_\_\_

**II. Pressure Systems**

A. High pressure systems generally mean clear weather because \_\_\_\_\_  
\_\_\_\_\_

B. Low pressure systems generally mean cloudy weather because \_\_\_\_\_  
\_\_\_\_\_

**III. Severe Weather**

A. Thunderstorms result from \_\_\_\_\_  
\_\_\_\_\_

B. Tornadoes occur in thunderstorms when \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

C. Hurricanes are \_\_\_\_\_  
\_\_\_\_\_