

Visual Approach Lesson Opener

For use with pages 71–78

Use the map at the right to determine whether the statement is *true* or *false*. Explain why your answer is correct.

1. If you are in Massachusetts, then you are in New England.
2. If you are in New England, then you are in Massachusetts.
3. If you are in Hartford, then you are in Connecticut.
4. If you are in Connecticut, then you are in Hartford.



Use the Venn diagram at the right to determine whether the statement is *true* or *false*. Explain why your answer is correct.

5. If an animal is a beagle, then it is a dog.
6. If an animal is a dog, then it is a beagle.
7. All animals are dogs.
8. All dogs are animals.
9. Draw a Venn diagram to show that all robins are birds, but not all birds are robins. Explain why your Venn diagram clearly shows this is true.

