

Answer Key

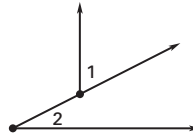
Chapter 2

Lesson 2.2

Practice C

1. false 2. true 3. true 4. true 5. true
6. false 7. false 8. If an angle is acute, then it measures less than 90° ; If an angle measures less than 90° , then it is acute. 9. If three points are collinear, then they lie on the same line; If three points lie on the same line, then they are collinear. 10. If it is Friday night, then I eat pizza; If I eat pizza, then it is Friday night.
11. If it rains, then the game is cancelled; If the game is cancelled, then it is raining. 12. If a number is divisible by 6, then it is divisible by 2 and 3; If a number is divisible by 2 and 3, then it is divisible by 6. 13. If you live in Michigan, then you live in Detroit; Lansing, MI 14. If an angle is acute, then it measures 30° ; 45°
15. If the sum of two angles is 180° , then they are supplementary; Two angles are supplementary if and only if their sum is 180° . 16. If two angles have the same measure, then they are congruent; Two angles are congruent if and only if they have the same measure.

17. If two angles are not adjacent, then they are vertical;



18. A saxophone that has a frequency of 69 cycles per second to 416 cycles per second is called an E-flat baritone saxophone.
19. A saxophone that has a frequency of 104 cycles per second to 622 cycles per second is called a B-flat tenor saxophone.
20. A saxophone that has a frequency of 138 cycles per second to 831 cycles per second is called an E-flat alto saxophone. 21. It is an E-flat baritone saxophone. 22. nothing; It could be any of the three saxophones.