**Homework Practice**

***Complementary and Supplementary Angles***

**Classify each pair of angles as *complementary, supplementary, or neither.***

 **1. 2. 3.**







**ALGEBRA Find the value of *x* in each figure.**

 **4. 5. 6.**





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| **7. KITES** A kite string makes an angle of 48˚ with respect to the ground as shown below. The dashed line is vertical and the ground is horizontal. How are the48˚ angle and the unknown angle related? What is the value of *x*?**CCSS_C2_Ch7_L2_PS4.jpg** | **8. SKIING** A ski jump makes an angle of 27˚ with respect to the water as shown below. How are the 27˚ angle and the unknown angle related? What is the value of *x*?**CCSS_C2_Ch7_L2_PS3.jpg** | **9. GAMES** In a game of pick-up-sticks, the last 4 sticks are shown below. Which of the numbered angles are supplementary angles?**CCSS_C2_Ch7_L2_PS5.jpg** |