



4. (Supplementary Angles Add Up to 180) Suppose I have an angle that measures one third of a circle. How many degrees is the angle that is supplementary to that angle?

5. (Half Circle Protractor) How could you use a half circle protractor to find the number of degrees in an angle that is greater than 180 degrees?

6. (Measure Supplementary Angles) When you press the "drive it" button, which angle does the turtle trace over, the angle of the blue sector or the angle of the red sector? When the turtle change direction, is the amount of change shown by the red sector or the blue sector?

7. (Supplementary Angle Puzzles) If the measurement of angle ABC is 107 degrees, and angle ABC is supplementary to angle DBC, what is the measurement of angle DBC?

8. (Connect the Dots: Angles) How much would a turtle need to turn in order to draw an angle of 42 degrees?

9. (Complementary Angles Puzzles) If angles ABC and DBC are complementary, and the measurement of angle ABC is 65 degrees, what is the measurement of angle DBC?

10. (Angle Bisector Puzzles) Give two answers you gave for the number in the red box together with the number that was in the blue box.

11. (Vertical Angle Puzzles) Give two answers you gave for the red box and the second blue box, together with the number that was in the blue box.