2. In ABC, A = 30°, a = 6, and c = 8. Which of the following must be true? (A) 0° < C < 90° (B) 90° < C < 180° (C) 45° < C < 135° (D) 0° < C < 45° or 90° < C < 135° (E) 0° < C < 45° or 135° < C < 180°