Welcome to Botswana!

G.11 Circles

1. In Circle C, the measure of arc ABD is 200° and the measure of arc AD is 160°. What is m\angle E?
   a) 40°
   b) 20°
   c) 100°
   d) 80°

2. Which is closest to the area of the shaded region of the circle?
   A. 160.8 cm²
   B. 50.3 cm²
   C. 40.2 cm²
   D. 10.1 cm²

3. If UD = 15 and UF = 9, find WF.
   A. 6
   B. 16
   C. 25
   D. 90

4. Given: Circle Q
   What is the value of x?
   a) 110
   b) 55
   c) 125
   d) 140

5. What is the measure of the angle formed by two adjacent spokes of the wheel?
   F 30
   H 60
   G 45
   J 75

6. Given: Circle M
   What is the value of x?
   a) 9
   b) 5
   c) 18
   d) 6

7. Find the length of TV.
   a) 22.7 cm
   b) 56.7 cm
   c) 21.8 cm
   d) 8.7 cm

BONUS What is the measure of \angle WFH?
   A. 55°
   B. 160°
   C. 20°
   D. 45°