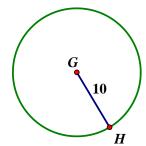
1. Given a circle with radius 10, what is the area of a sector having an arc of

a) 90°

- b) 72°
- c) 180°

d) 216°

- e) 324°
- f) $\frac{\pi}{3}$



g) $\frac{7\pi}{6}$

h) $\frac{3\pi}{6}$

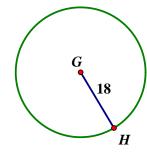
2. In a circle with radius 2, a sector has area π . What is the measure of the arc of the sector?

3. Given a circle with radius 18, how long is an arc of

- a) 60°
- b) 90°
- c) 120°



- e) 180°
- f) 270°



g) $\frac{\pi}{4}$

- h) $\frac{5\pi}{6}$
- i) $\frac{4\pi}{3}$

4. What is the radius of a circle if the length of a 45° arc is 3π ?

5. What is the radius of a circle if the length of a 72° arc is 4π ?