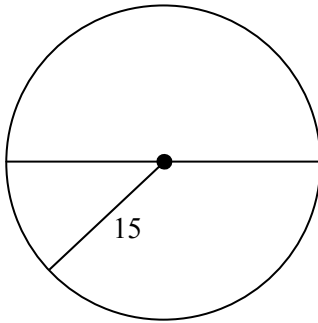
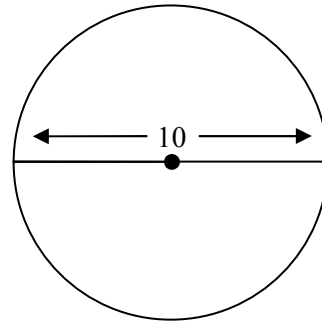


Find the area of each circle. Leave answers in terms of π .

1)

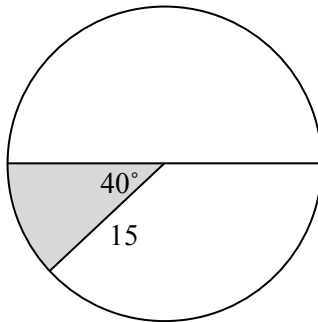


2)

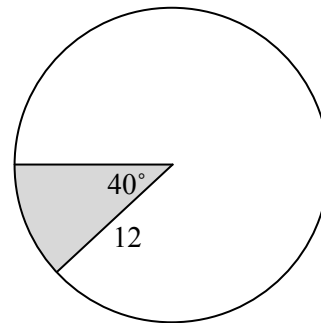


Find the area of each shaded sector. Leave answers in terms of π .

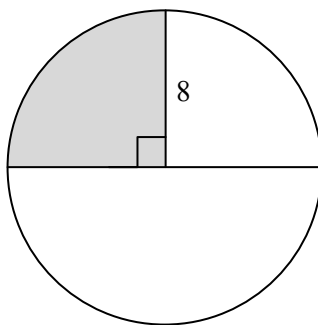
3)



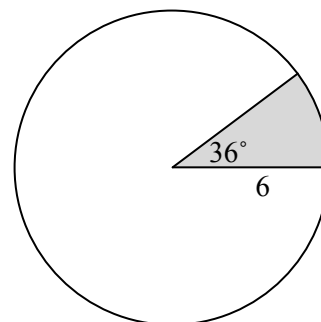
4)



5)

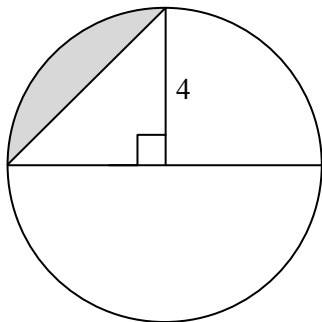


6)

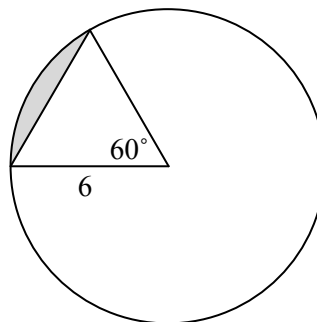


Find the area of each shaded segment of a circle. Round answers to nearest tenth or leave in terms of π .

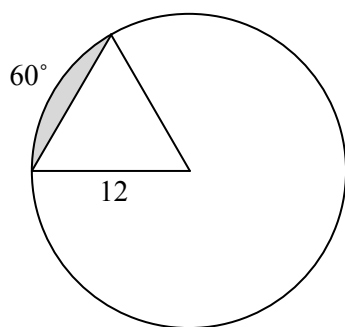
7)



8)



9)



Answer Key

- 1) 225π
- 2) 25π
- 3) 25π
- 4) 16π
- 5) 16π
- 6) $18\pi/5$
- 7) $4\pi - 8$
- 8) 3.26
- 9) 13.04