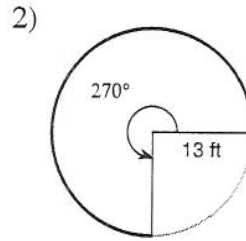
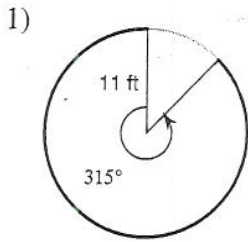


Arc Length and Sector Area

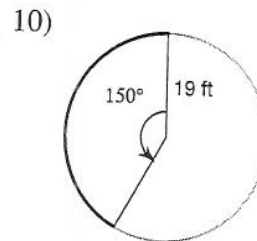
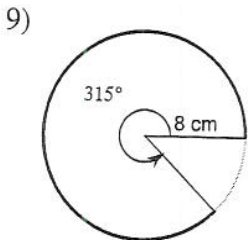
Find the length of each arc. Round your answers to the nearest tenth.



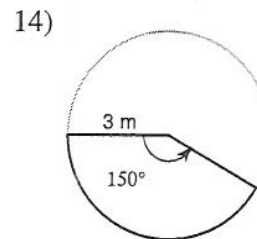
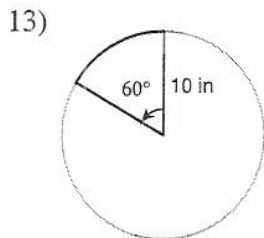
5)  $r = 18 \text{ cm}, \theta = 60^\circ$

6)  $r = 16 \text{ m}, \theta = 75^\circ$

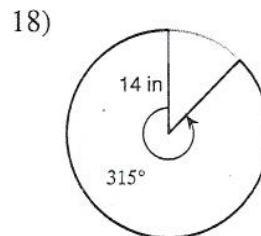
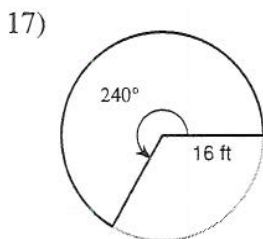
Find the length of each arc. Do not round. Leave in pi form.



Find the area of each sector. Round your answers to the nearest tenth.



Find the area of each sector. Do not round. Leave in pi form.



23)  $r = 7 \text{ km}, \theta = 60^\circ$

24)  $r = 7 \text{ mi}, \theta = 225^\circ$