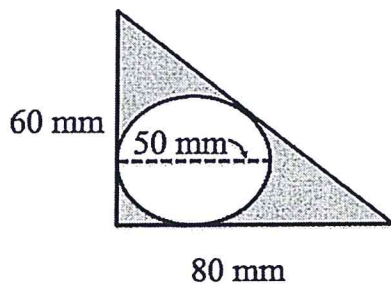


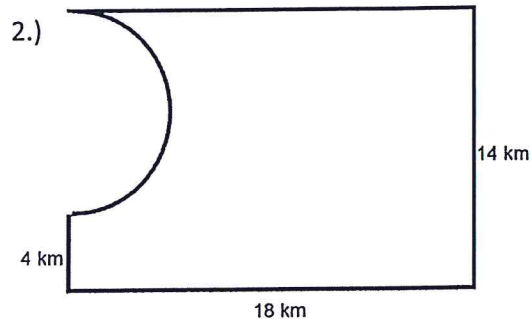
Circles Quiz Review

- 1.) Find the Area of the Shaded Region.
Use 3.14 for π . Round to the nearest tenth.



5. Find the area and perimeter

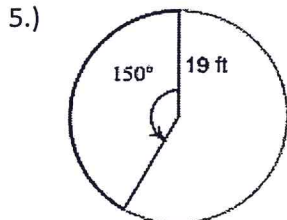
Round to the nearest tenth.



- 3.) Find the diameter of a circle that has an area of 81π . Round to the nearest tenth.

- 4.) Find the radius of a circle that has a circumference of 72π . Round to the nearest tenth.

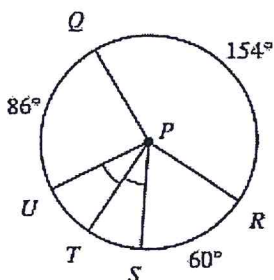
Find the length of each arc. Round your answers to the nearest tenth.



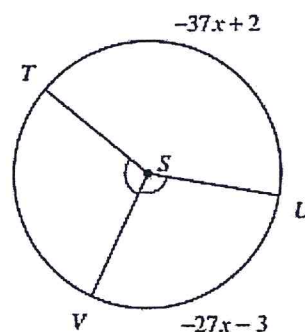
- 6.)
 $r = 16 \text{ m}, \theta = 75^\circ$

Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

- 7.) $m\angle SPQ$

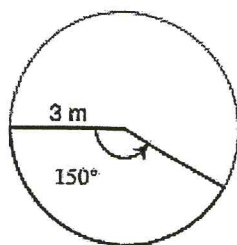


- 8.) $m\angle VST$

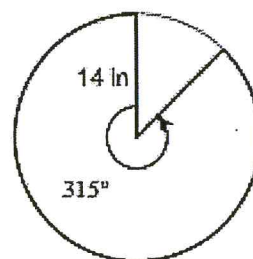


Find the area of each sector. Round your answers to the nearest tenth.

9.)



10.)



11.)

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

12.)

Find the area of the perimeter of the shaded AND unshaded regions. Round to the nearest tenth.

