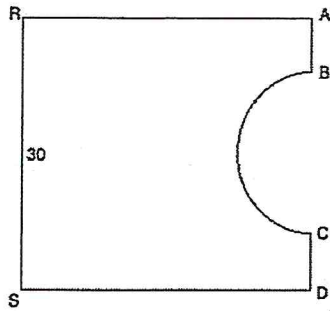


6.



$SRAD$ is a square.

$$\overline{AB} = \overline{BC} = \overline{CD}$$

The arc from B to C is a semicircle with a center at the midpoint of \overline{BC} .

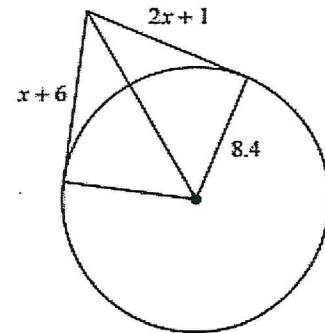
All units are in feet.

The diagram shows a plot of land.

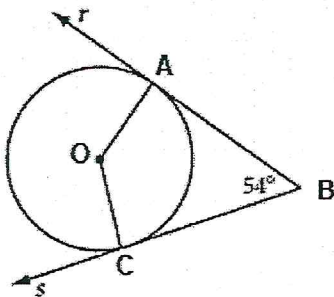
The cost of summer upkeep is \$2.50 per square foot.

In dollars, what is the total upkeep cost for the summer?

7. Solve for x . Assume that lines which appear to be tangent are tangent



8. Rays r and s are tangents. Determine the length of arc AC if AO is 2 in.



9. $m\widehat{AD} = \underline{\hspace{2cm}}$

$m\widehat{ABC} = \underline{\hspace{2cm}}$

$m\widehat{BAC} = \underline{\hspace{2cm}}$

$m\widehat{ACB} = \underline{\hspace{2cm}}$

