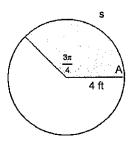
Student:		Assignment: 6.1 Classwork Day 1
	Course)	

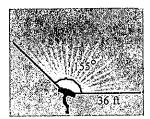
1. Find the length s and area A.

2.



s =	feet			
(Type an integer	or decimal rounded to thre	e decimal places as need	ed.)	
A =	square feet			
(Type an integer	or decimal rounded to thre	e decimal places as need	ed.)	
The minute hand	of a clock is 9 inches long	. How far does the tip of th	he minute hand move in 35 minutes?	
The tip of the mir	nute hand moves	inches.		
(Type an integer	or decimal rounded to thre	e decimal places as need	ed.)	

 A water sprinkler sprays water over a distance of 36 feet while rotating through an angle of 155°. What area of lawn receives water?



The area A of the sector is \_\_\_\_\_ square feet.
(Type an integer or decimal rounded to two decimal places as needed.)

1. 9.425 18.850			 	
2. 32.987			 	

6.1 Classwork Day 1-Joe Betters

3. 1753.01

Page 2 of 2

## Gol Classwork day

① 
$$S=F\Theta$$
  
 $S=4(3\pi)=[9.425]$  ft arc length

$$A = \frac{1}{3}r^{3}\theta$$
 $A = \frac{1}{3}(4)^{2}(3\pi) = 18.850$  ft<sup>2</sup> of Sector

(3) 
$$A = \frac{1}{3}r^{3}\theta$$
 $A = \frac{1}{3}(36)^{3}(\frac{155\pi r}{180})$ 
 $A = \frac{1}{3}(36)^{3}(\frac{155\pi r}{180})$ 
 $A = \frac{1}{3}(36)^{3}(\frac{155\pi r}{180})$ 
 $A = \frac{1}{3}(36)^{3}(\frac{155\pi r}{180})$ 
 $A = \frac{1}{3}(36)^{3}(\frac{155\pi r}{180})$