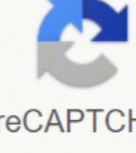
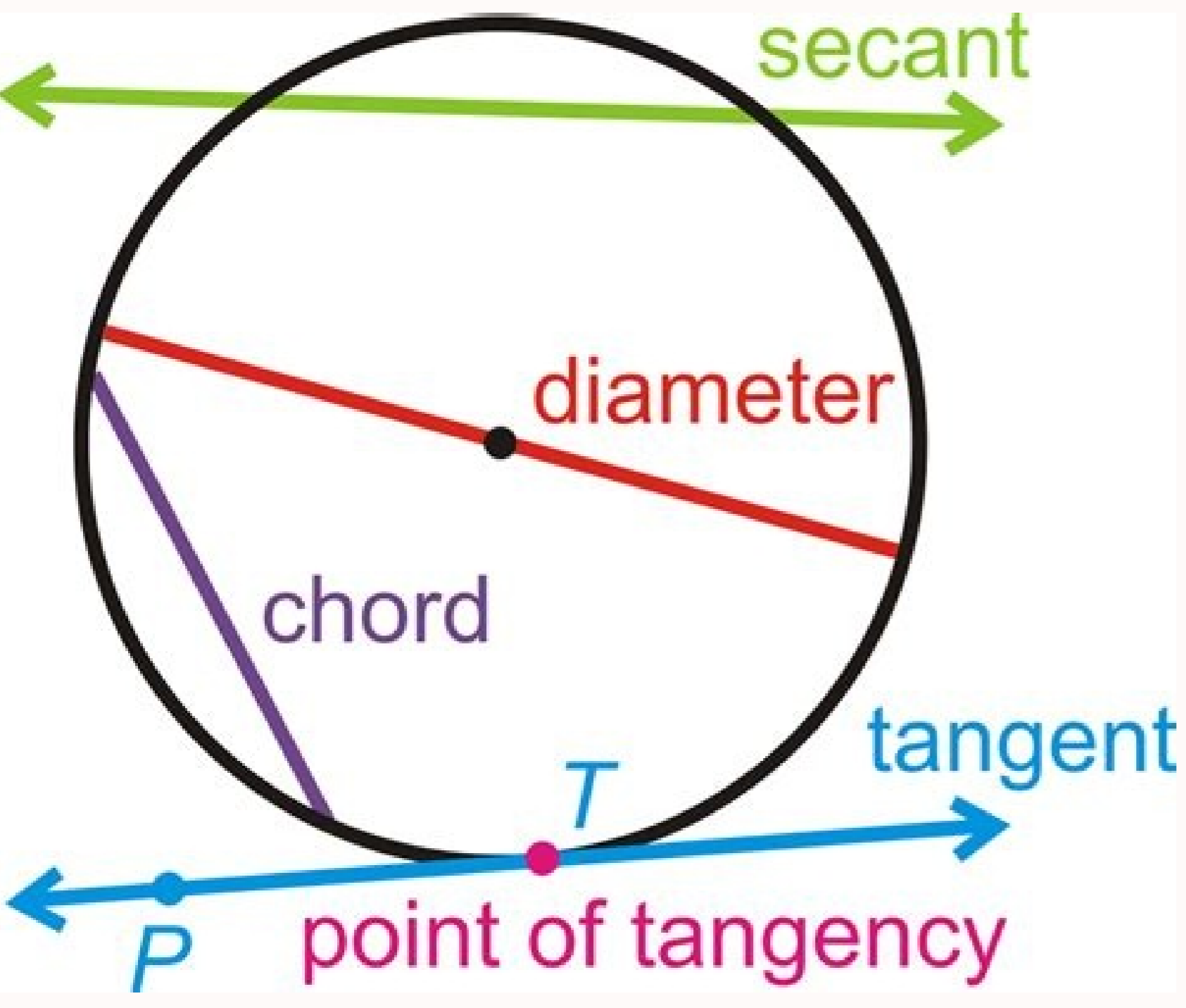


I'm not robot  reCAPTCHA

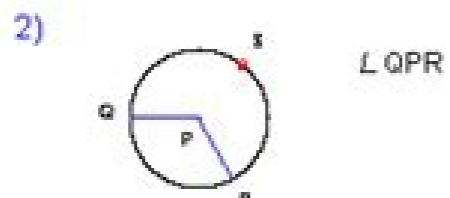
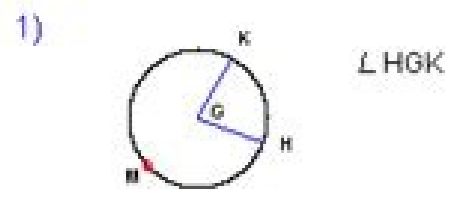
Continue



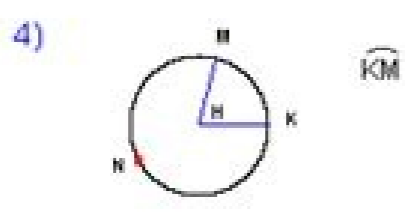
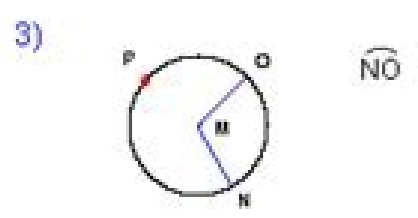
Name : _____ Score : _____
 Teacher : _____ Date : _____

Arcs and Central Angles

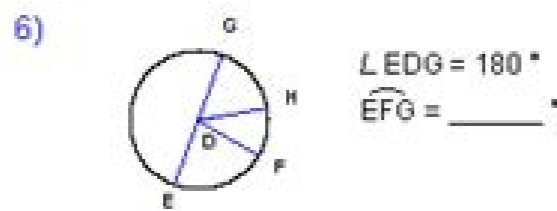
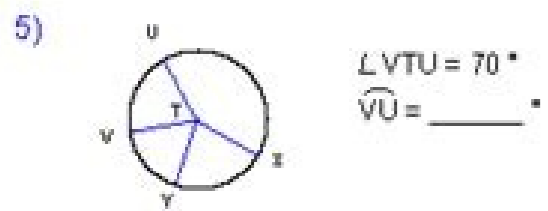
Name the arc made by the given angle.



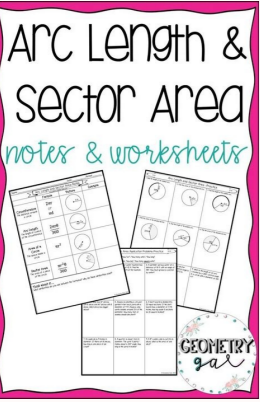
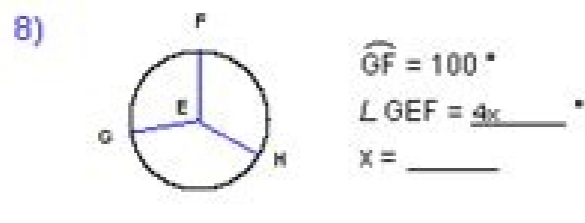
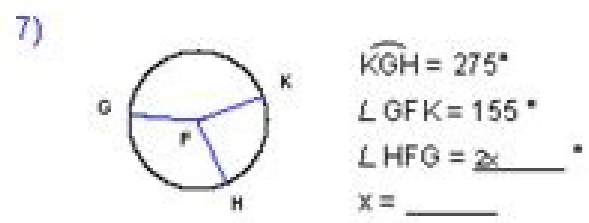
Name the central angle of the given arc.



Find the measure of the arc or central angle indicated.



Solve for x.



The minute hand on London's Big Ben is 14' long. Determine how many feet the tip of the minute hand travels in the following amounts of time. Use $\pi = 3.14$ and round answers to the nearest tenth.

time	length (feet)
1 hour	
20 minutes	
12 minutes	
27 minutes	
36 minutes	
54 minutes	

$$\text{Circumference} = 2\pi r$$

$$\frac{\# \text{ minutes}}{60 \text{ minutes}} = \frac{\text{arc length (ft)}}{\text{circumference (ft)}}$$



Big Ben's hour hand is 9' long. Determine how many feet the tip of the hour hand travels while rotating the following number of degrees (arc measure). Round answers to the nearest tenth.

degrees	length (feet)
340°	
90°	
120°	
82°	
140°	
900°	

$$\frac{\text{arc measure (degrees)}}{360^\circ} = \frac{\text{arc length (ft)}}{\text{circumference (ft)}}$$

