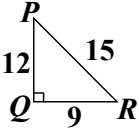
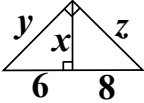
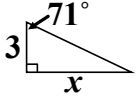
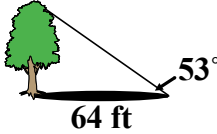
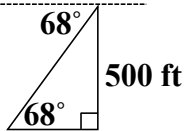
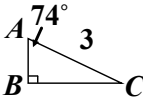
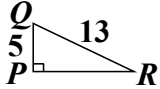
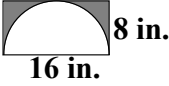
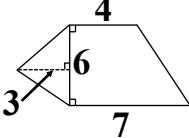


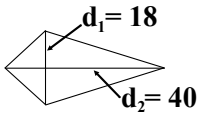

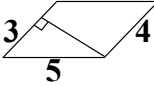
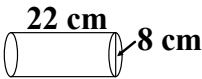
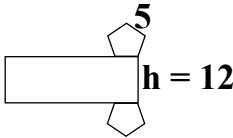
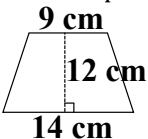
Geometry Units 8-11 Review

Unit 8

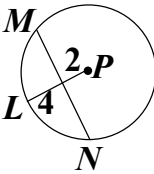
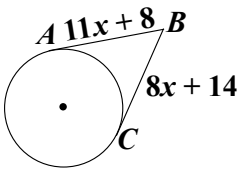
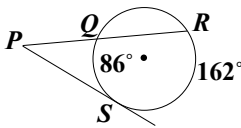

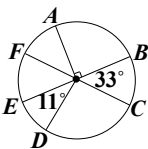
1.	<p>Write the trigonometric ratio for $\tan R$ as a fraction.</p> 	2.	<p>Use a special right triangle to write $\cos 60$ as a fraction.</p>
3.	<p>Determine the value of x.</p> 	4.	<p>Write the trigonometric ratio and solve for x.</p> 
5.	<p>Approximately how tall is the tree (round to the nearest tenth)?</p> 	6.	<p>A ranger spots a fire from the top of a 500 ft watchtower. If the angle of depression from the top of the watchtower to the fire is 68°, what is the horizontal distance between them? Round to the nearest foot.</p> 
7.	<p>Determine the length of AB. Round to the nearest hundredth.</p> 	8.	<p>In the given triangle, $PQ = 5$ and $QR = 13$. Write $\cos R$ as a fraction.</p> 

Units 9 & 10

9.	<p>Find the shaded area. Leave your answer in terms of π.</p> 	10.	<p>Determine the area of the composite figure.</p> 
11.	<p>Determine the volume of a right rectangular prism with height 8 in, length 12 in, and width 5 in.</p>	12.	<p>Determine the volume of a rectangular pyramid with a height of 6 cm, a length of 10 cm, and a width of 4 cm.</p>

13.	Determine the area of the kite. 	14.	The regular hexagon has a side length of 6. Determine its area. 
15.	Determine the area of the parallelogram. 	16.	Determine the surface area in terms of pi. 
17.	Determine the volume of a sphere with a diameter of 30 ft. Leave your answer in terms of pi.	18.	Determine the surface area of a right cone with a height of 15 and a radius of 8. Leave your answer in terms of pi.
19.	The net of a prism that has a regular polygon as its base is shown below. What is the lateral area? 	20.	Determine the area of the trapezoid. 

Unit 11

21.	What is the length of \overline{MN} ? 	22.	Determine the length of segment AB . 
23.	In the given circle, $m\widehat{RS} = 162^\circ$ and $m\widehat{QS} = 86^\circ$. $m\angle P = ?$ 	24.	Determine the measure of arc LM . 
25.	Determine the measure of arc AD . 	26.	$GJ = ?$ 