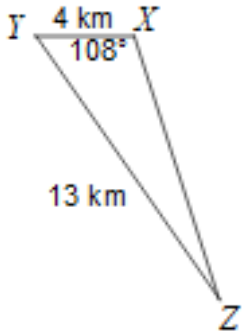
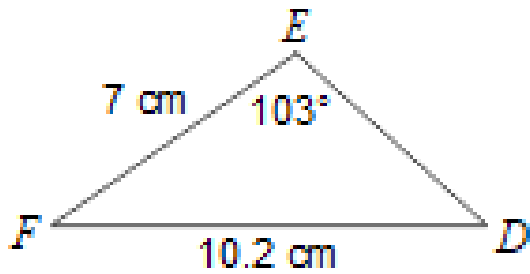


Finding Sides & Angles given the Area (or SSS)

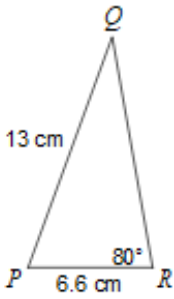
1. Given that the area of triangle XYZ is 21.3 km^2 , find the measure of side XZ.



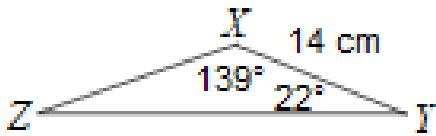
2. Given that the area of triangle DEF is 20.5 cm^2 , solve for the measure of angle F.



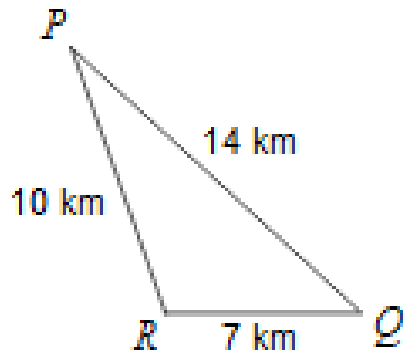
3. Given that the area of triangle PQR is 40.3 cm^2 , find the measure of angle P.



4. Given that the area of triangle XYZ is 73.9 cm^2 , find the measure of side XZ.



5. Find the measure of each angle.



Answers	
1) 11.2 km	2) 35.0°
4) 16.09 cm	5) $\angle P = 28.1^\circ$
	3) 70.0°
	$\angle Q = 42.3^\circ$
	$\angle R = 109.6^\circ$