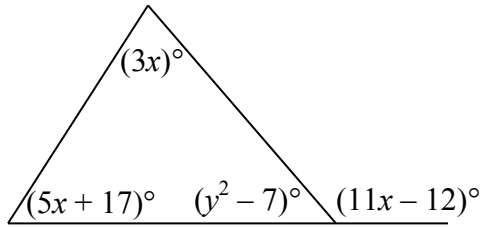


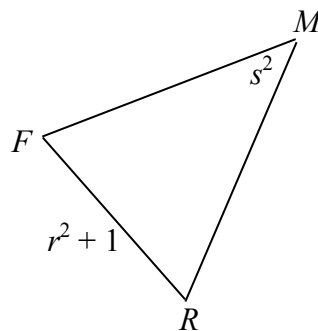
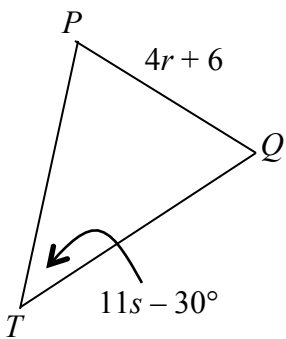
Chapter 4 Practice Test 1

A.M.D.G.

1. Find the values of x and y . Show all work. State the reason(s) why you set up the equations the way you did.

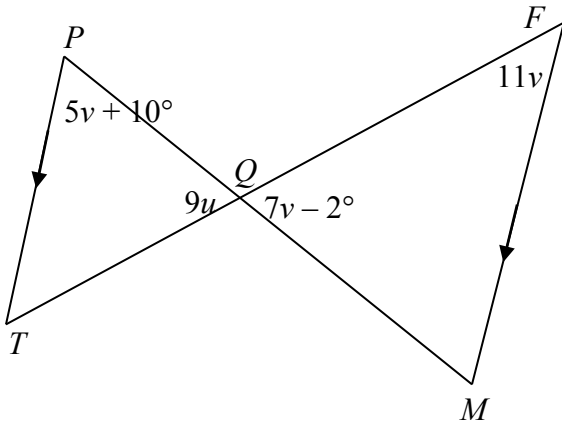


2. Given that $\triangle PTQ \cong \triangle RMF$, find the values of r and s . Show all work. State the reason(s) why you set up the equations the way you did. Then find $m\angle M$ and QP . (Note: There may be multiple answers.)

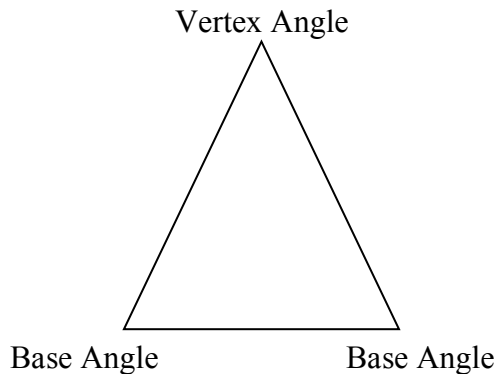


Chapter 4 Practice Test 1

3. Find the value of u and v . Show all work. State the reason(s) why you set up the equations the way you did.



5. In an isosceles triangle, one of the base angles is twice the vertex angle, the other base angle is 17° less than 5 times the vertex angle. Find the measure of each angle in this triangle.



Chapter 4 Practice Test 1

6. In the diagrams below, solve for x , y and z .

