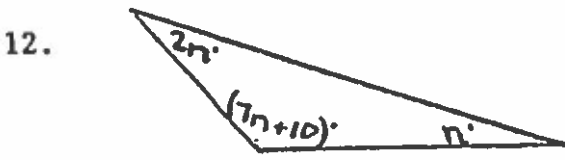
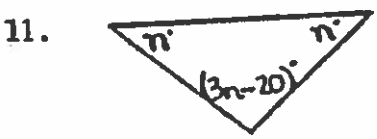
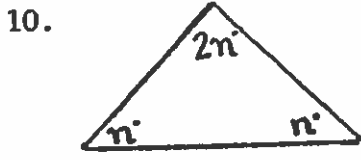
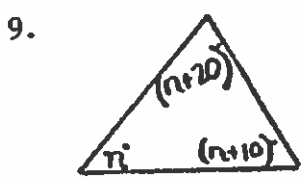


**\*\*Draw a triangle that satisfies the conditions stated. Use the symbols to show equal or unequal sides. If no triangle can be drawn, write NOT POSSIBLE.\*\***

- 1. An obtuse scalene  $\triangle$
- 2. An isosceles right  $\triangle$
- 3. An obtuse acute  $\triangle$
- 4. An acute isosceles  $\triangle$
- 5. A right scalene  $\triangle$
- 6. An obtuse equilateral  $\triangle$
- 7. An obtuse isosceles  $\triangle$
- 8. A right equilateral  $\triangle$

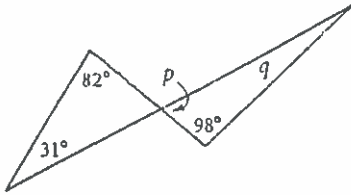
**\*\*Write and solve an equation to find the measure of each angle.\*\***



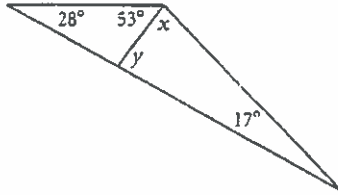
# 3.4

In Exercises 1–9, determine the angle measures.

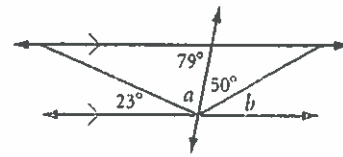
1.  $p = \underline{\hspace{2cm}}$ ,  $q = \underline{\hspace{2cm}}$



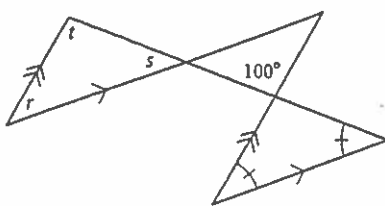
2.  $x = \underline{\hspace{2cm}}$ ,  $y = \underline{\hspace{2cm}}$



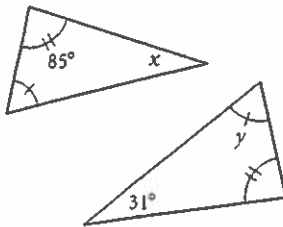
3.  $a = \underline{\hspace{2cm}}$ ,  $b = \underline{\hspace{2cm}}$



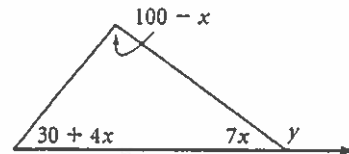
4.  $r = \underline{\hspace{2cm}}$ ,  $s = \underline{\hspace{2cm}}$ ,  
 $t = \underline{\hspace{2cm}}$



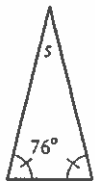
5.  $x = \underline{\hspace{2cm}}$ ,  $y = \underline{\hspace{2cm}}$



6.  $y = \underline{\hspace{2cm}}$



7.  $s = \underline{\hspace{2cm}}$



8.  $m = \underline{\hspace{2cm}}$

