Triangle and its Properties: Worksheet -4

1. Two angles of the triangle ABC are given. Find the third angle and fill up the blanks in the table:

	$\angle$A	$\angle$B	$\angle$C
1	60^0	70^0	
2	100^0		35^0
3	110^0	36^0	
4	65^0	65^0	

2. Three angles are given in the table. Find the sum of these three angles. Can these become the angles of a triangle?

	$\angle$A	$\angle$B	$\angle$C	Sum	Can it form triangle (Yes/No)
1	50^0	60^0	70^0		
2	60^0	70^0	80^0		
3	65^0	75^0	55^0		
4	56^0	64^0	60^0		
5	57^0	64^0	79^0		

3. In $\triangle PQR, \angle P = 2\angle Q$ and $2\angle R = 3\angle Q$,calculate the angles of $\triangle$ PQR.

4. If the angles of a triangle are in the ratio 1:4:5, find the angles.