

**MATHS ANSWERS**

1.  $180 - (80 + 60) = 40^\circ$

2.  $180 - (109 + 32) = 39^\circ$

3.  $180 - (90 + 27) = 63^\circ$

4.  $180 - (25 + 18) = 137^\circ$

5.  $180 - 70 = 110^\circ$  (70 because both are  $35^\circ$ )

6.  $180 - 30 = 150$  so  $150 \div 2 = 75^\circ$

7.  $78 + 78 = 156$  so  $180 - 156 = 24^\circ$

8.  $180 \div 3 = 60^\circ$

9.  $180 - 125 = 55$  so  $55 + 80 = 135$  so  $180 - 135 = 45^\circ$

10.  $68 + 90 = 158$  so  $180 - 158 = 22$  so  $x = 158^\circ$

11.  $180 - 123 = 57$  so  $57 + 57 = 114$  so  $180 - 114 = 66^\circ$

12.  $360 - 318 = 42$  so  $180 - 42 = 138$  so  $138 \div 2 = 69^\circ$

13.  $180 - 73 = 107$  and  $180 - 154 = 26$  so  $107 + 26 = 133$  so  
 $180 - 133 = 47$  so  $180 - 47 = 133^\circ$