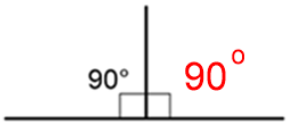
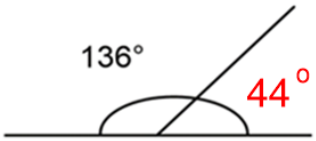
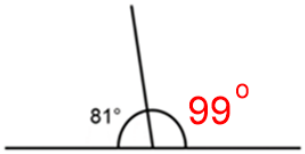
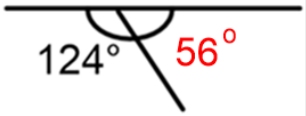
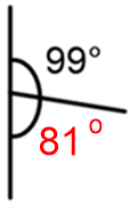
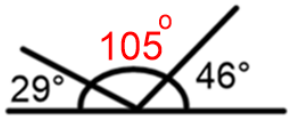
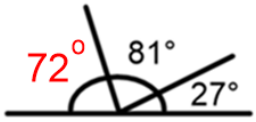
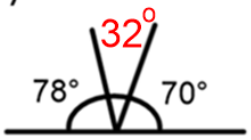
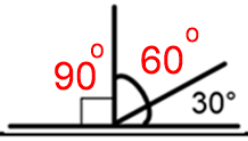
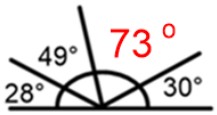
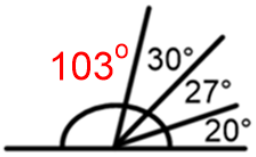
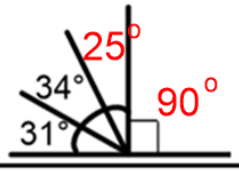
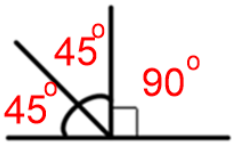
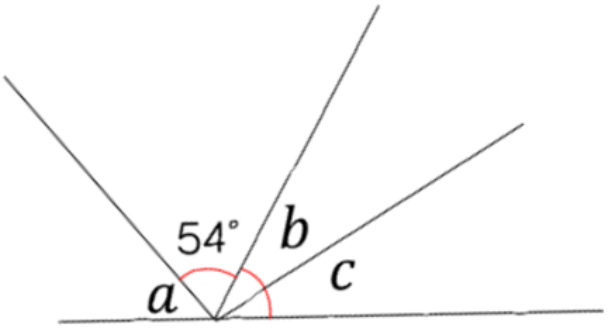
1) The angles on a straight line add up to.....180°	2) 	3) 	4) 
5) 	6) 	7)	8) 
9) 	10)	11) 	12) 
13) 	14) 	15) 	16) 

Challenge 1

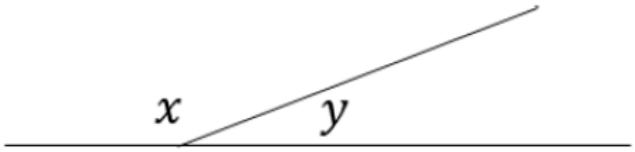


- The total of angle b and c are the same as angle a
- Angle a is 9° more than the size of the given angle.
- Angle b is 11° more than angle c

What is the value each angle?
a = 63° b= 37° c=26°
Create your own straight line puzzle like this one.

Challenge 2

Here are two angles.



Use the clues to calculate what the missing angles could be worth.

Angle x is larger than 130°
Angle y is a prime number between 40 and 50

There are 3 possible solutions
x = 139° y= 41°
x = 137° y= 43°
x = 133° y= 47°