## Challenge 1



- The total of angle $b$ and $c$ are the same as angle $a$
- Angle $a$ is $9^{\circ}$ more than the size of the given angle.
- Angle $b$ is $11^{\circ}$ more than angle $c$

What is the value each angle?

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 $130^{\circ}$ Angle $y$ is a prime number between 40 and 50

