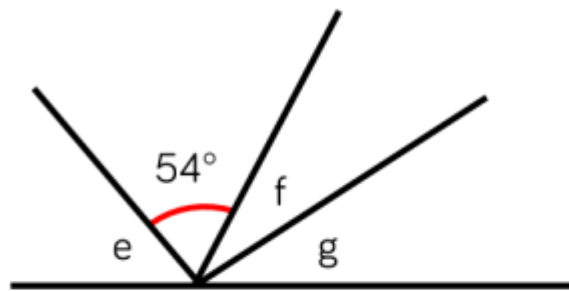


Further Challenge



$$e = 63^\circ$$

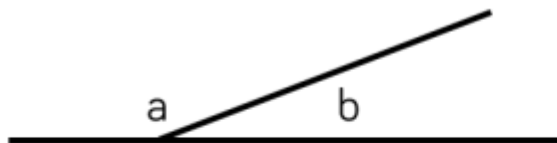
$$f = 37^\circ$$

$$g = 26^\circ$$

- The total of angle f and g are the same as angle e
- Angle e is 9° more than the size of the given angle.
- Angle f is 11° more than angle g

Calculate the size of the angles.

Here are two angles.



$$b = 41^\circ, a = 139^\circ$$

$$b = 43^\circ, a = 137^\circ$$

$$b = 47^\circ, a = 133^\circ$$

Angle b is a prime number between 40 and 50

Use the clue to calculate what the missing angles could be.