Question 6: **B** ✓

Start by noting the number of seats held by each party.

A – 40

B – 63

C – 17

Then, take each bullet point in turn, each time working out the number of seats per party.

A gained 24 seats from B and 5 seats from C

A: 40 + 29 = 69

B: 63 – 24 = 39

C: 17 – 5 = 12

B gained 6 seats from A and 8 seats from C

A: 69 – 6 = 63

B: 39 + 14 = 53

C: 12 – 8 = 4

C gained 9 seats from A and 16 seats from B

A: 63 – 9 = **54 seats**

B: 53 – 16 = **37 seats**

C: 4 + 25 = **29 seats**

At this point, check to ensure your values still add up to 120. Then, compare your findings with the pie chart options.

Firstly, A has 54 seats, so we are looking for a pie chart which has a section taking up just under half of the circle. This narrows our options down to either B or E.

Secondly, B has 37 seats and C has 29 seats. Therefore, the other two sections should be of a similar size, and so the answer must be B.