Question	Working	Answer	Mark	Notes
5	E.g. $4x+15+30x-5=180$ **OR** $20x + 45 + 4x + 15 = 180$ **OR** $4x + 15 + 20x + 45 = 180$ **OR** $30x - 5 = 20x + 45$ $x = 5$			M1 for forming an appropriate equation A1 dep on previous M1
	E.g. $20 \times$ "5" + 45 (=145) **or** $4 \times$ "5" + 15 (=35) **or** $30 \times$ "5" – 5 (=145) **OR** E.g. $4x+15+30x-5=180$ **AND** $30x - 5 = 20x + 45$			M1 for substituting their value for x into the expression **NOT** used to form the equation solved **OR** forms a second equation in x
	E.g. $AFC = 145$ **and** $FCD = 145$ **OR** $AFC = 145$ **and** $BCF = 35$ **OR** $x = 5$ from the solution of **two** equations			A1 dep on previous M1 NB : It must be clear which angles are being found
		Shown correctly with reasons	5	B1 For full reasons: Alternate angles are equal **and** angles in a straight line add to 180^o **OR** Allied angles (or co-interior) add to 180^o **and** angles in a straight line add to 180^o