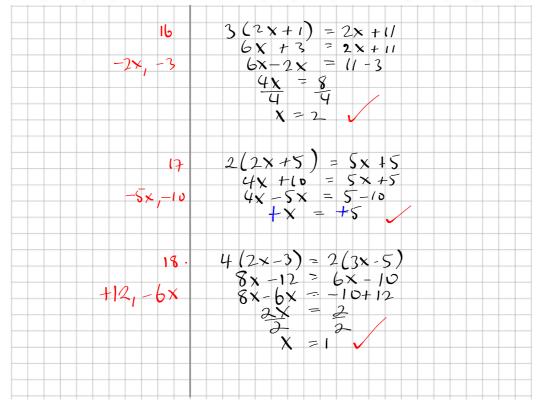
- **16.** 3(2x + 1) = 2x + 11 **17.** 2(2x + 5) = 5x + 5 **18.** 4(2x 3) = 2(3x 5)

- **19.** 3(2x-6)=2(2x+1) **20.** 3(5x-2)=4(3x+6) **21.** 6(1+2x)=5(3x-1)-4



**11.** The Universal Social Charge (USC) rates are given in the table below:

Per year	Rate of USC	Rate of USC Per week	
Up to €10 036	2%	Up to €193	
€10 036.01 to €16 016	4%	€193.01 to €308	
In excess of €16016	7%	In excess of €308	

**Note:** Disregard the 1 cent for calculation purposes.

(i) Aidan has an annual salary of €57 000. Calculate his USC for the year.

3 rates apply	5	7000 =	10 036 + 5	980 + 40984
		Rate	€ at this Rate	usc €
	ı	2%	10 036	200.72
	2	4%	5 980	239.20
	3	7%	40 984	2 868 -88
		Tot al	usc	3,308.80