Question	Answer	Marks	Guidance
	$ar^2 = a + d$	B1	
	$ar^4 = a + 5d$	B1	
	$a^2 r^4 = a(a + 5d)$ leading to $a^2 + 5ad = (a + d)^2$	*M1	Eliminating r or complete elimination of a and d.
	$\left[3ad - d^2 = 0 \text{ leading to}\right] d = 3a$ OR $\left[r = 2 \text{ leading to}\right] d = 3a$	A1	
	$S_{20} = \dfrac{20}{2}\left[2a + 19 \times 3a\right]$	DM1	Use of formula with *their d* in terms of *a*.
	$590a$	A1	
		6	