26	$(Sm =) \frac{m}{2}(2a+(m-1)d) = 39$ oe **or** $(S_2m =) \frac{2m}{2}(2a+(2m-1)d) = 320$ oe		5	M1	one correct equation for S_m or S_{2m} (condone consistent use of n instead of m)
	$(Sm =) \frac{m}{2}(2a+(m-1)d) = 39$ oe **and** $(S_2m =) \frac{2m}{2}(2a+(2m-1)d) = 320$ oe			M1	both equations correct
	eliminate to get $dm^2 = 242$ oe			M1	
	$242 = 2 \times 11 \times 11$ or $242 = 2 \times 121$ oe			M1	
		$d = 2$ $m = 11$		A1	Dep on M2 Both correct
					Total 5 marks

Pearson Education Limited. Registered company number 872828
with its registered office at 80 Strand, London, WC2R 0RL, United Kingdom