	Distance = 1/2 x 4 x 9 + 16 x 9 or 1/2 (20 + 16) x 9	M1 ;
	= <u>162 m</u>	A1 (2)
(b)	Distance over last 5 s = 1/2(9 + u) x 5	M1
	$162 + \frac{1}{2}(9 + u) \times 5 = 200$	M1 A1√
	$\Rightarrow u = 6.2 \mathrm{m  s^{-1}}$	A1 (4)
(c)	6.2 = 9 + 5a	M1 A1√
	a = (-) <u>0.56 m s<sup>-2</sup></u>	A1 (3)

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