

Question		Answer	Marks	AO	Guidance
6	(a)	$[a =] 0.1$	B1 [1]	1.1	
6	(b)	0.5	B1FT [1]	1.1	FT their $0.1 + 0.4$ ; $0 < \text{their } a < \text{their } 3a < 1$
6	(c)	$0.2 \times 0.4$ <b>oe</b> or their $3a \times \text{their } a$ <b>oe</b> seen $2 \times (0.2 \times 0.4 + \text{their } 3a \times \text{their } a)$ 0.22	B1 M1 A1 [3]	1.1 3.1a 1.1	$0.2 \times 0.4$ <b>or</b> $0.3 \times 0.1$ <b>NB</b> $2 \times (0.2 \times 0.4 + 0.3 \times 0.1)$ ; allow omission of 2; may be implied by 0.11