

8	(a)		$30 \times 2 \times 1.6/6$ or $30 \times 2 \times 8/30$ oe = 16	M1 A1 [2]	1.1 1.1	or $15 \times 80/150$ oe Correct answer without working or unclear working: allow M1A1
8	(b)		Freq 4-5 = 24 or freq 5-6 = 12 $\frac{1}{2}$ (freq 4-5 + freq 5-6) or $\frac{1}{2} \times 24 + \frac{1}{2} \times 12$ = 18	B1 M1 A1 [3]	3.1a 1.1 1.1	or freq 5-9 = 48 OR similar with frequency density or $\frac{1}{2}$ (freq 4-5) + $\frac{1}{8}$ (freq 5-9) oe Correct answer without working or unclear working: allow B1M1A1