

11	(i)		$k(1 \times 6 + 2 \times 5 + 3 \times 4 + 4 \times 3 + 5 \times 2 + 6 \times 1) = 1$ oe $[k =] \frac{1}{56}$ isw	M1 A1 [2]	3.1a 1.1	allow one slip in arithmetic B2 if unsupported	
11	(ii)		$(6 \times k)^3 \times (12 \times k)^2$ oe seen $\frac{243}{4302592}$ or 0.000056477584 rounded to 2 or more sf	M1 A1 [2]	2.1 1.1	FT their k	
11	(iii)		$40 \times 6k$ 4.286 or 4.29 or 4.3	M1 A1 [2]	3.1b 3.2b	FT their k mark the final answer	