

STATS 1 REVISION SELECTIONS AND ARRANGEMENTS (FROM OCR PAPERS)

8) i) COMPUTER ${}^8C_3 = 56$

ii) Selections including P $1 \times {}^7C_2 = 21$

Prob(P included in selection) = $\frac{21}{56} = \frac{3}{8} = 0.375$

iii)

T	O	P				
$\frac{1}{8}$	\times	$\frac{1}{7}$	\times	$\frac{1}{6}$	$=$	$\frac{1}{336}$

$= 0.00298$

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