

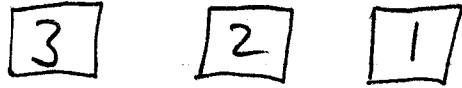
STATS1 REVISION SELECTIONS AND ARRANGEMENTS (FROM OCR PAPERS)

7)

i) NEVER

$$\frac{5!}{2!} = \frac{120}{2} = 60$$

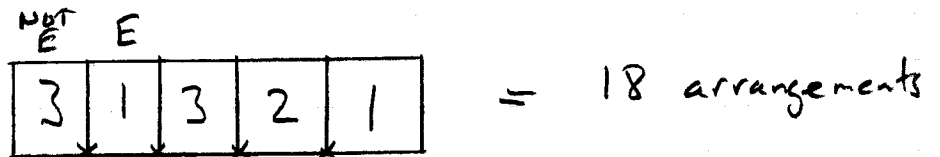
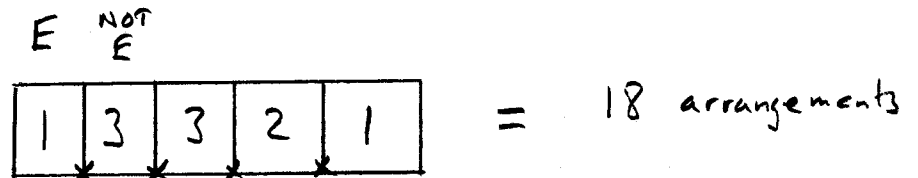
ii)



Put **EE** in one of the 4 gaps

$$3! \times 4 = 24$$

iii)



36 arrangements with 1 E in first two letters

$$\text{Prob}(1E \text{ in first two}) = \frac{36}{60} = \frac{3}{5} = 0.6$$
