2015 **4** A rowing team consists of 8 rowers and a coxswain. The rowers are selected from   **1**
12 students in Year 10. The coxswain is selected from 4 students in Year 9. In how
many ways could the team be selected?

(A) $^{12}C_8 + {}^4C_1$ (B) $^{12}P_8 + {}^4P_1$ (C) $^{12}C_8 \times {}^4C_1$ (D) $^{12}P_8 \times {}^4P_1$

C

'From 12 students choose 8 **and** from 4 students choose 1':

$\therefore {}^{12}C_8 \times {}^4C_1$

State Mean:
0.81