12	**8**	When the polynomial $P(x)$ is divided by $(x + 1)(x - 3)$, the remainder is $2x + 7$. What is the remainder when $P(x)$ is divided by $x - 3$? (A) 1 (B) 7 (C) 9 (D) 13	**1**

State Mean: **0.68**

D

Let $P(x) = (x + 1)(x - 3).Q(x) + 2x + 7$

$P(3) = (3 + 1)(3 - 3).Q(3) + 2(3) + 7$

$= 13$

$\therefore$ remainder is 13