



Simplify the polynomial expressions :

$$[(3q) \times (7q - 8)] + (-q + 2)$$

Question:

- A.  $30q - 4$
- B.  $28q - 3$
- C.  $21q^2 - 25q + 2$
- D.  $-26q + 3$

Answer:

$$\Rightarrow [3q \times (7q - 8)] + (-q + 2)$$

$$\Rightarrow [3q \times 7q + 3q(-8)] + (-q + 2)$$

$$\Rightarrow 21q^2 - 24q - q + 2$$

$$\Rightarrow 21q^2 - 25q + 2$$

∴ Option C [Ans]



