



$$(5+n)(5+m) = 25 + 5m + 5n + mn \quad \text{(A)}$$

also

$$10n + 10m + (5-m)(5-n)$$

$$10n + 10m + 25 - 5m - 5n + mn$$

$$5m + 5n + 25 + mn \quad \text{(B)}$$

$$\text{(A) } = \text{(B)}$$

e.g. if $n = 2$ & $m = 3$
we have
 7×8

$$\text{(B) } 5 \times 3 + 5 \times 2 + 25 + 3 \times 2 = 56$$