13. How many two-digit numbers have remainder 1 when divided by 3 and remainder 2 when divided by 4?

A 8   B 7   C 6   D 5   E 4

---

13. **A** The lowest common multiple of 3 and 4 is 12. Hence both of the required conditions are satisfied only by numbers that are 2 less than multiples of 12 and also less than 100, ie: 10, 22, 34, 46, 58, 70, 82 and 94.

Therefore 8 two-digit numbers satisfy the conditions.