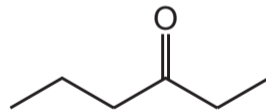
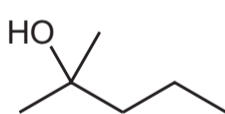
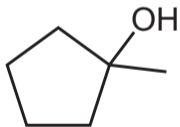
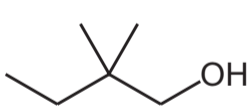


39 Some properties of compound X are listed.

- 1.0 mol X reacts with exactly 8.5 mol oxygen when completely combusted.
- X does **not** react when heated with acidified  $\text{KMnO}_4$ .

What are the possible identities of X?



**A** 1 and 3

**B** 2 and 4

**C** 3 only

**D** 4 only