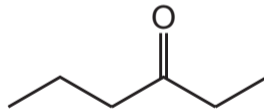
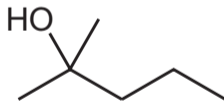
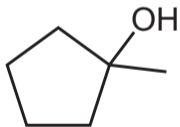
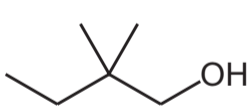


39 Some properties of compound X are listed.

- 1.0 mol X reacts with exactly 8.5 mol oxygen when completely combusted.
- X does **not** react when heated with acidified KMnO_4 .

What are the possible identities of X?



A 1 and 3

B 2 and 4

C 3 only

D 4 only