

- 3** Methanethiol, CH_3SH , burns as shown.



A sample of 10 cm^3 of methanethiol gas was reacted with 60 cm^3 of oxygen. Both samples were measured at room conditions.

What would be the final volume of the resultant mixture of gases measured at room temperature?

- A** 20 cm^3 **B** 30 cm^3 **C** 50 cm^3 **D** 70 cm^3