

Carbon & Its Compounds

Class-VIII

WS-6

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Drag the correct option to the correct blank:

upward displacement of air	Lavoisier
$MgCO_3$	residual acid vapours
SO_2	CO_2
H_2S	lighter than air
moisture	heavier than air
downward displacement of air	as it forms a coating of insoluble calcium sulphate

1. In 1783 _____ formulated the basic structure of CO_2 as the oxide of carbon.
2. In _____ CO_2 occurs as combined state.
3. When dil. Acid is added to a metallic carbonate or bicarbonate _____ is released.
4. When dil. Acid is added to a metallic sulphite or bisulphite _____ is released.
5. When dil. Acid is added to a metallic sulphide _____ is released.
6. In laboratory preparation, CO_2 is passed through $KHCO_3$ to absorb _____
7. In laboratory preparation, CO_2 is passed through conc. H_2SO_4 to absorb _____
8. CO_2 is collected by _____ displacement of air.
9. CO_2 is _____ than air.
10. In laboratory preparation of CO_2 dil. sulphuric acid is not used instead of dil. HCl _____