

- Which of the following are allotropes? Explain your answer.

^{16}O , ^{18}O , O_2 , O_3 , O^- , O^{2-} , O_2^- , O_2^{2-} , H_2O , H_2S , H_2O_2 .

1

Allotropes are different structural forms of an *element*.

The only allotropes in the list are O_2 and O_3 .