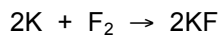




- 1 a What is the maximum mass of potassium fluoride that can be formed when 1.56 g of potassium reacts with fluorine?



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- b In an experiment, a student reacted 1.56 g of potassium with fluorine and made 1.48 g of potassium fluoride. Calculate the percentage yield.

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- c Give two reasons why the percentage yield is less than 100%.

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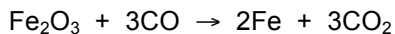
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- 2 Calculate the percentage yield in a reaction where 1.0 kg of iron is made from 1.6 kg of iron(III) oxide.



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