

SURNAME :

Mark : /14

Name :

Physics video of the week, number 4

Making fuming nitric acid <https://youtu.be/QmCdrDLyNXQ>

I True or false? Circle the correct answer and justify if it's false

T/F **1** Fuming nitric acid can light common lab gloves on fire.

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T/F **2** To make the fuming nitric acid, the speaker uses hydrochloric acid.

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T/F **3** To speed up the reaction, the speaker cools down the reactants.

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T/F **4** The orange color comes from nitrogen dioxide gas.

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T/F **5** The process used to cool down the gas to a liquid form is called a crystallization.

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T/F **6** The speaker determines the concentration of his product by measuring its density.

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T/F **7** Using gloves in a lab is something one must always do without thinking.

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II Translate into English

◇ Oxydant :

◇ Fusée :

◇ Faire bouillir :

◇ Colonne réfrigérante :

◇ Feuille d'aluminium :

◇ Sous vide :

◇ Curieusement (expression idiomatique) :