

## Making iron

Iron is one of the most useful materials, but it is found naturally inside certain rocks. Releasing it requires heat and chemical reactions.

**Q1.** (i) What three substances are added to the blast furnace at A?

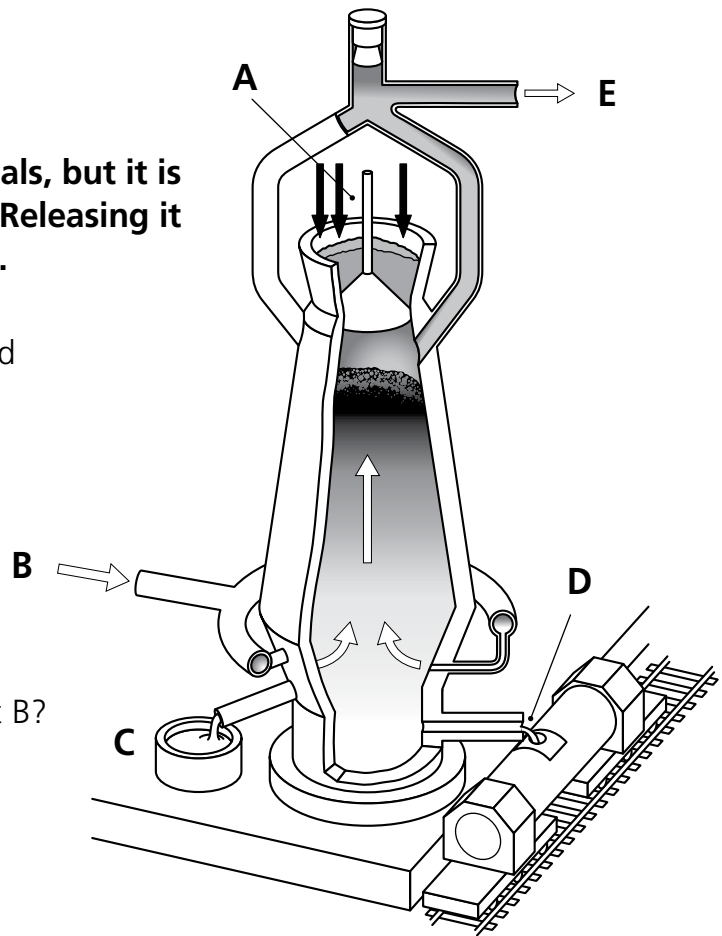
1 .....  
 2 .....  
 3 .....

(ii) What is sent into the blast furnace at B?

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(iii) What leaves the blast furnace at C, D and E?

C .....  
 D .....  
 E .....



**Q2.** What was the first use of stones that contained iron?

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**Q3.** How might people have changed the shape of the first iron they got from stones?

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**Q4.** What is set alight in the blast furnace? .....

**Q5.** How does carbon make iron pure?

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**Q6.** What substance combines with impurities in the blast furnace and where does it collect?

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