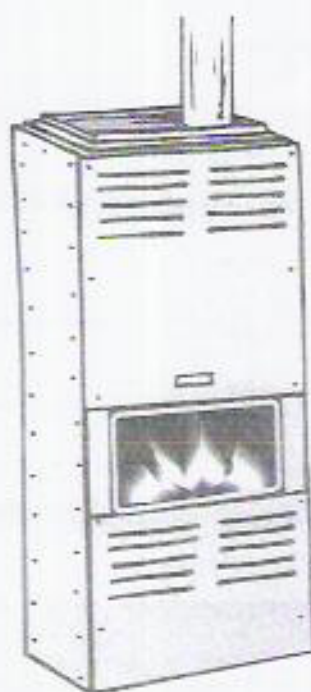


5. A school in Herefordshire has a new heating boiler which burns willow branches. The willow trees have been planted by local farmers and they cut down the trees every five years to ground level.



- (a) Why are the branches shredded into very small pieces before being fed into the boiler?

.....
..... (2)

- (b) Why do they make sure a lot of air is used in the combustion?

.....
..... (2)

- (c) Why do you think they have built this boiler to burn willow branches when it is cheaper to burn natural gas?

.....
..... (2)