



Name: ..... Form: .....

See pages 16 and 17 of *Keeping warm and cool*

# Warm homes

To keep homes warm we need to insulate places where warm air can leak out by conduction, convection or radiation.

**Q1.** Name the parts A, B, C and D in the diagram that help to keep the house warm.

A .....

B .....

C .....

D .....

**Q2.** Does a wood wall feel warmer than a brick wall? Explain your answer.

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**Q3.** Where is the hottest air in any room? Explain your answer. .....

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**Q4.** Why is there no insulation between the rooms on the lower floor and those on the floor above?

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**Q5.** Where is much of the heat of the room lost?

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**Q6.** (i) Why do rooms need fresh air? .....

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(ii) How does fresh air get into a room? .....

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