

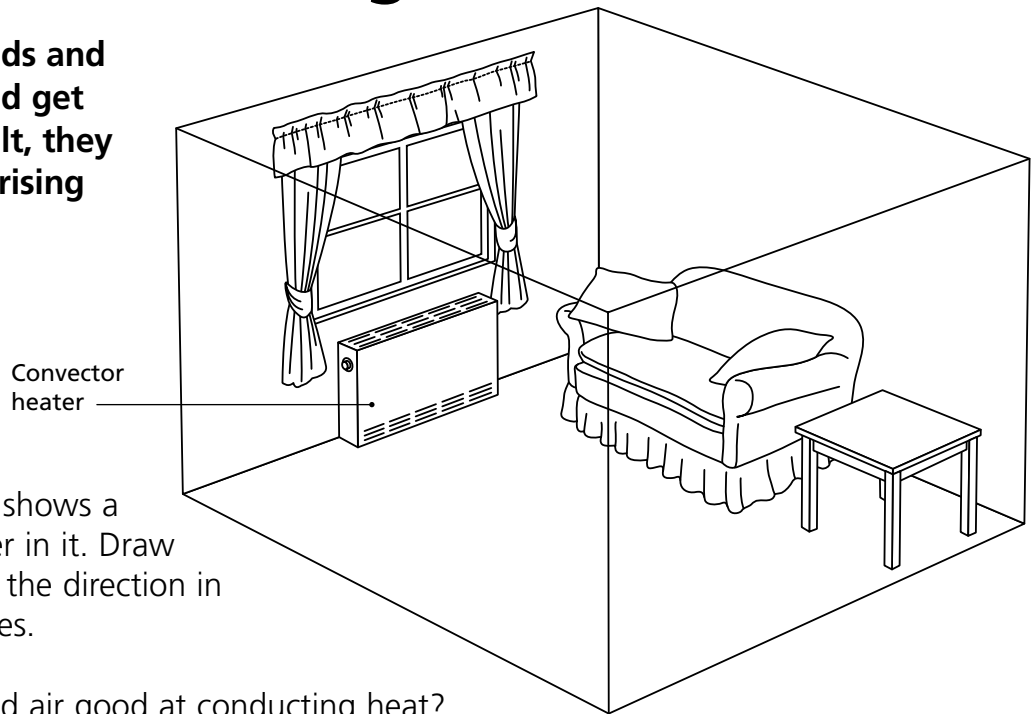


Name: ..... Form: .....

See pages 10 and 11 of *Keeping warm and cool*

# Convection – rising heat

Heat makes liquids and gases expand and get lighter. As a result, they rise. We call the rising heat convection.



**Q1.** The diagram shows a room with a heater in it. Draw in arrows to show the direction in which the air moves.

**Q2.** Are water and air good at conducting heat?

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**Q3.** What property do air and water have that helps them carry heat from one place to another?

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**Q4.** What is used to make heat in a convector heater? .....

**Q5.** What can be used to show the path of warm water in a tank? .....

**Q6.** Where is the heater placed in a hot water tank? Explain your answer.

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