



Name: Form:

See pages 14 and 15 of *Solids and liquids*

Hot liquids rise, cold liquids sink

When a liquid becomes warm, it gets lighter and rises; when it cools it becomes heavier and sinks.

Q1. What is the purpose of the electrical appliance in the diagram?

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Q2. Draw arrows to show the path of water through the pipes and tank.

Q3. Shade in the part where the water is the coldest.

Q4. What is the part labelled X?

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Q5. When does a liquid (a) swell up, (b) shrink?

(a)

(b)

Q6. When water swells up, does it rise or sink?

Q7. Explain your answer to question 5.

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