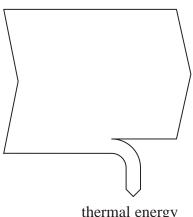
7 This question is about an electric kettle.



(a) The Sankey diagram represents the energy transfers taking place when the kettle heats some water.

electrical energy from mains 2000 J



200 J

thermal energy to heat water 1800 J

thermal energy to surroundings

What is the efficiency of the kettle?

(1)

- **■ A** 0.1
- **■ B** 0.9
- **■ D** 1800