

- 8** In an experiment, 1.60 g of a fuel is burnt. 45.0% of the energy released is absorbed by 200 g of water. The temperature of the water rises from 18.0 °C to 66.0 °C.

What is the total energy released per gram of fuel burnt?

- A** 25 100 J **B** 55 700 J **C** 89 200 J **D** 143 000 J