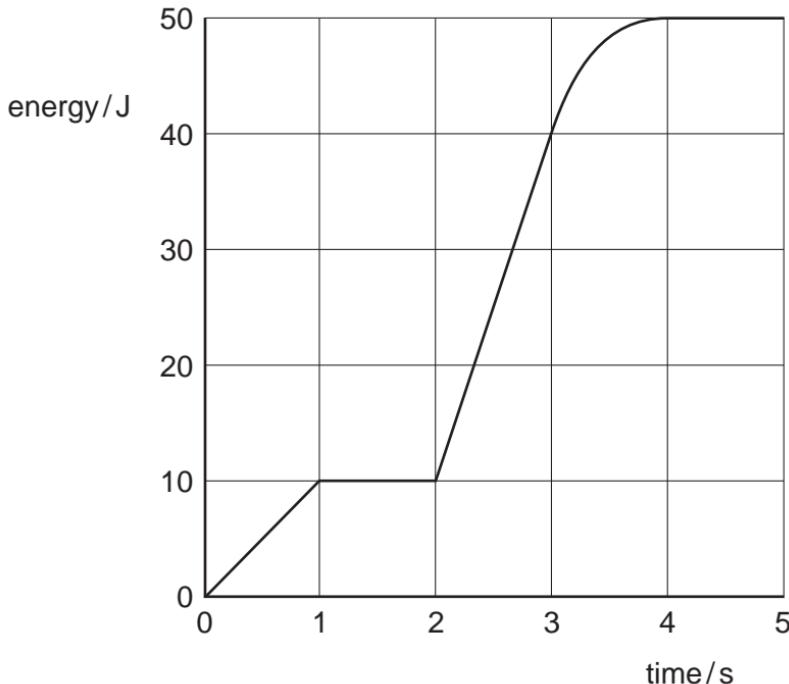


- 16** An electrical generator is started at time zero. The total electrical energy generated during the first 5 seconds is shown in the graph.



What is the maximum electrical power generated at any instant during these first 5 seconds?

A 10 W

B 13 W

C 30 W

D 50 W

- 17** A concrete cube of side 0.50 m and uniform density $2.0 \times 10^3 \text{ kg m}^{-3}$ is lifted 3.0 m vertically by a