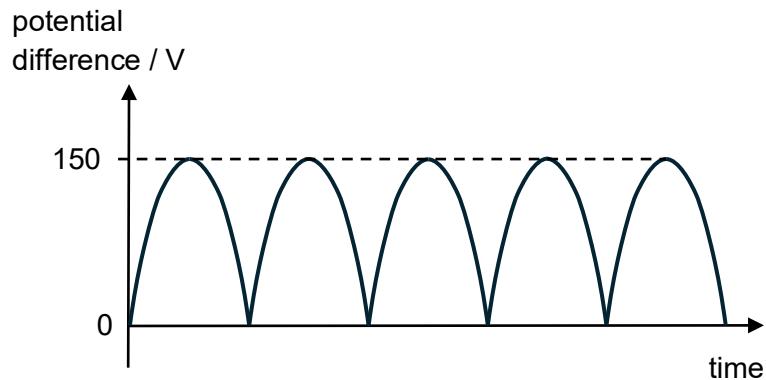


- 26** An alternating current is supplied to a full wave rectifier. The output from the rectifier has the shape shown in the diagram, with a maximum value of 150 V.



A  $20\ \Omega$  resistor is placed in series with this output.

What are the r.m.s. value of the current and the average power to the resistor?

	r.m.s. current / A	power / W
<b>A</b>	5.3	560
<b>B</b>	7.5	560
<b>C</b>	5.3	1100
<b>D</b>	7.5	1100