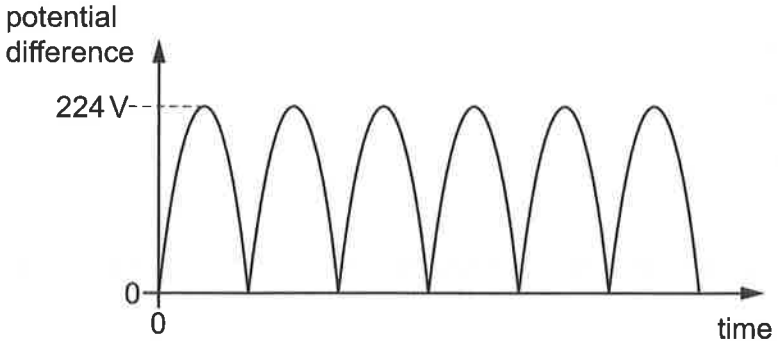
25 An alternating current is supplied to a rectifier. The output from the rectifier has the shape shown in the diagram, with a maximum value of 224 V.



This output is used as the supply to a resistor of resistance 70.0 Ω.

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

	r.m.s. current /A	power /W
A	2.26	358
B	2.26	507
C	3.20	507
D	3.20	717