The diagram indicates a pattern of paving blocks that are laid diagonally across a rectangular floor measuring $L$ cm $\times$ 200 cm. Each block measures 8 cm $\times$ 4 cm, and any two blocks that touch overlap by 5 cm.

What is the value of $L$?

(A) 253   (B) 155   (C) 400
(D) 250   (E) 158