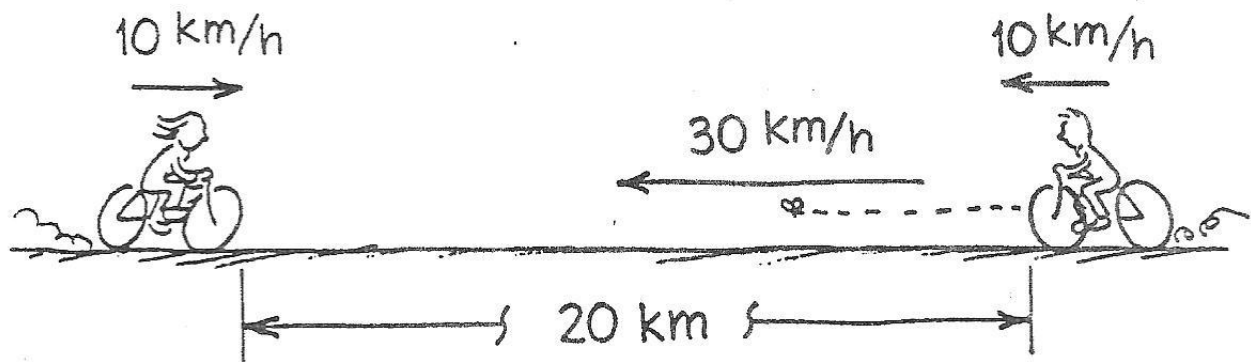


WHEN THE  $10 \text{ km/h}$  BIKES ARE  $20 \text{ km}$  APART, A BEE BEGINS FLYING FROM ONE WHEEL TO THE OTHER AT A STEADY SPEED OF  $30 \text{ km/h}$ . WHEN IT GETS TO THE WHEEL, IT ABRUPTLY TURNS AROUND AND FLIES BACK TO TOUCH THE FIRST WHEEL, THEN TURNS AROUND AND KEEPS REPEATING THE BACK-AND-FORTH TRIP UNTIL THE BIKES MEET, AND  $\text{SQUISH!}$



## QUESTION

HOW MANY KILOMETERS DID THE BEE TRAVEL IN ITS TOTAL BACK-AND-FORTH TRIPS?