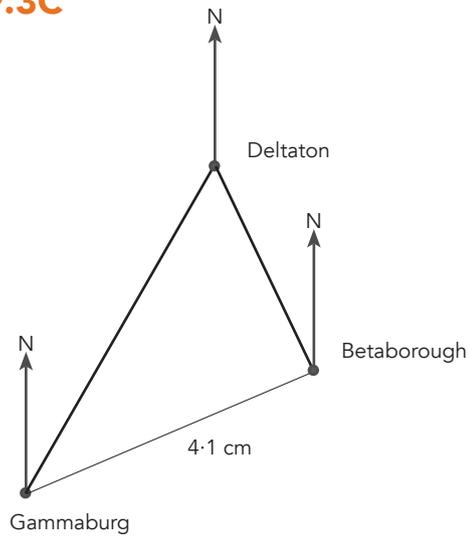


### Exercise 19.3C

1.

(a)

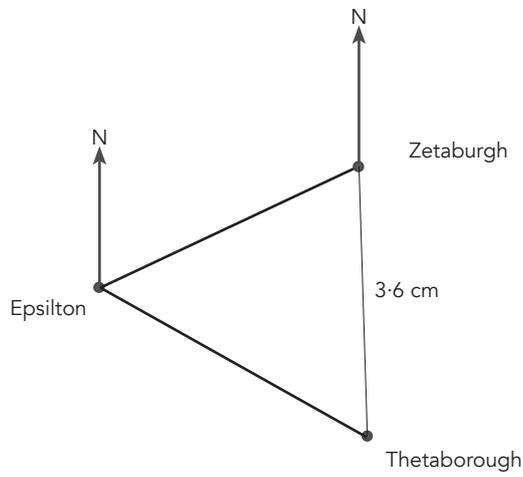
(b) 82 km



2.

(a)

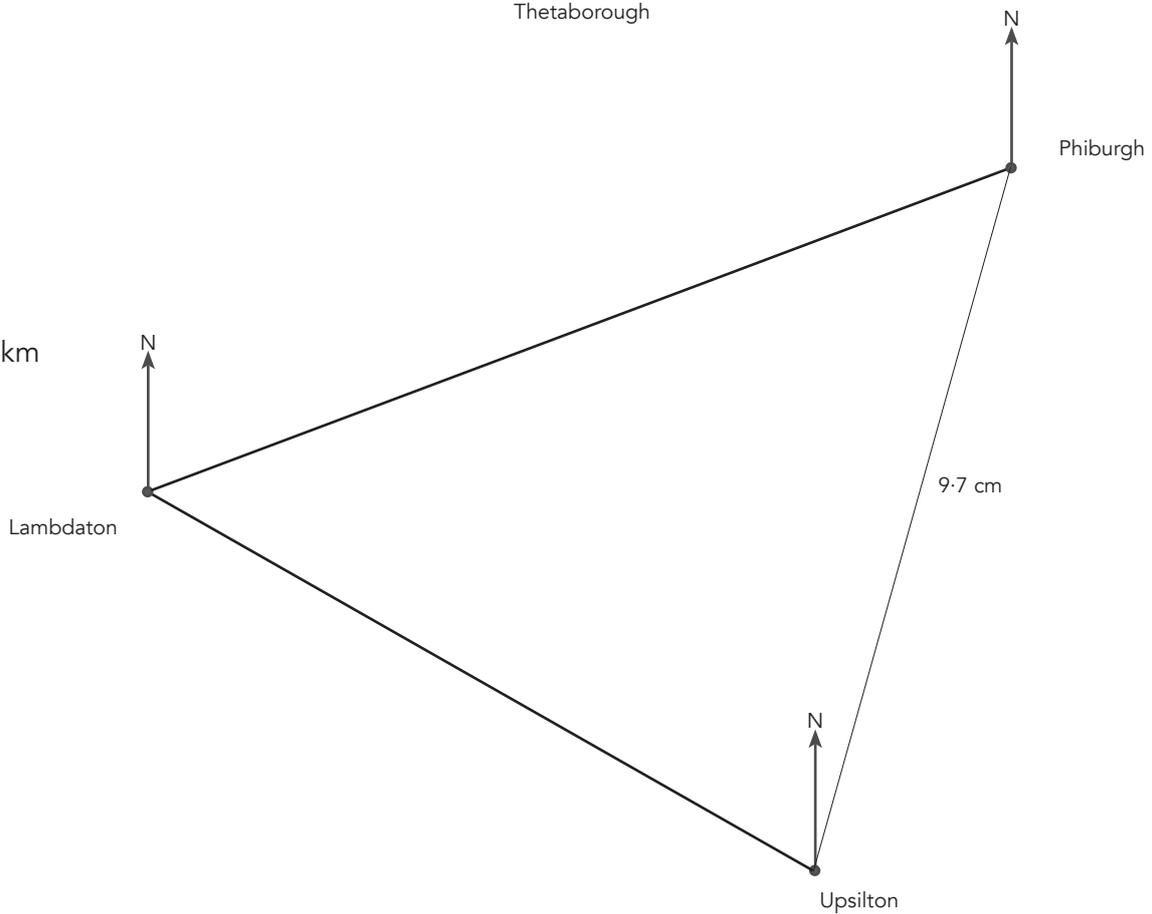
(b) 72 km



3.

(a)

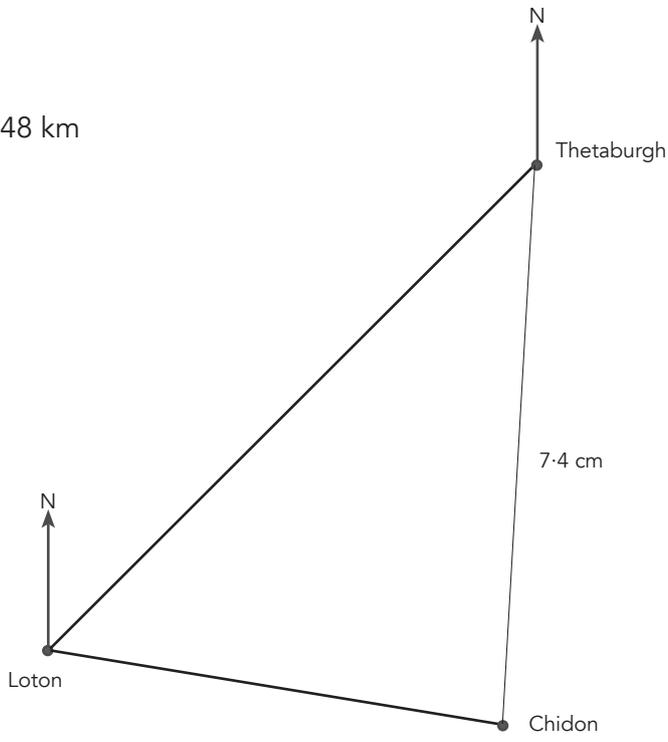
(b) 242.5 km



4.

(a)

(b) 148 km



5.

(a)

(b) 134 km

