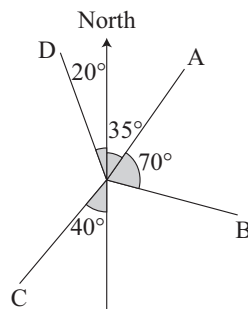


TASK 4.24

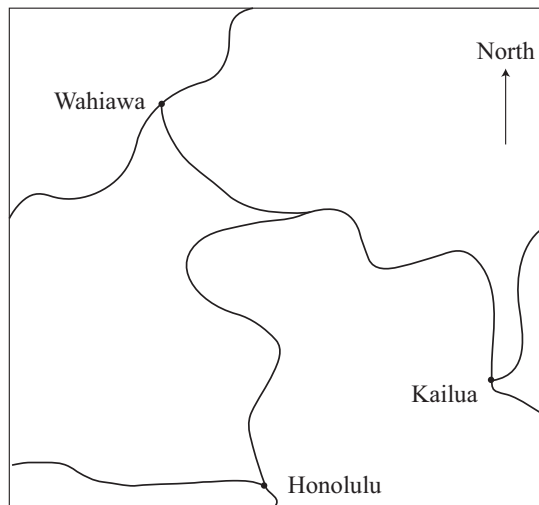
1. 4 rabbits escape from their run and race off in the directions shown. On what bearing does each rabbit race?



Remember

A bearing is measured clockwise from the North

2. Use a protractor to measure the bearing of:
- a Kailua from Honolulu
 - b Kailua from Wahiawa
 - c Honolulu from Wahiawa
 - d Wahiawa from Kailua
 - e Honolulu from Kailua
 - f Wahiawa from Honolulu

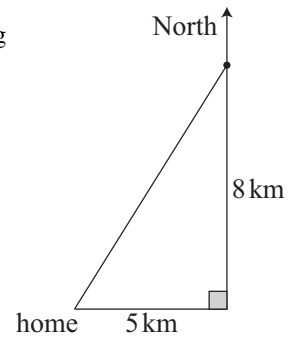


Note

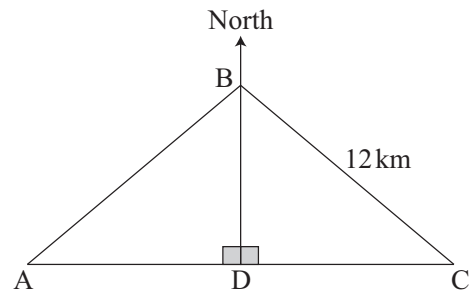
The remaining questions need to be *calculated*. Do not use a protractor. Give answers to 1 d.p. when appropriate.

3. A plane flies 80 km north and 47 km west. What is the bearing from its original position to its new position?

4. Baojia runs 5 km east from his home then 8 km north. On what bearing is he to run home if he is to take the shortest route?



5. B is on a bearing of 305° from C.
 a Find the length of BD.
 b Find the bearing of A from B if $AD = 4$ km.



6. Find the bearing of:
 a P from Q
 b R from Q

