


Use Mathomat to read bearings, using compass and scale ruler.

First there

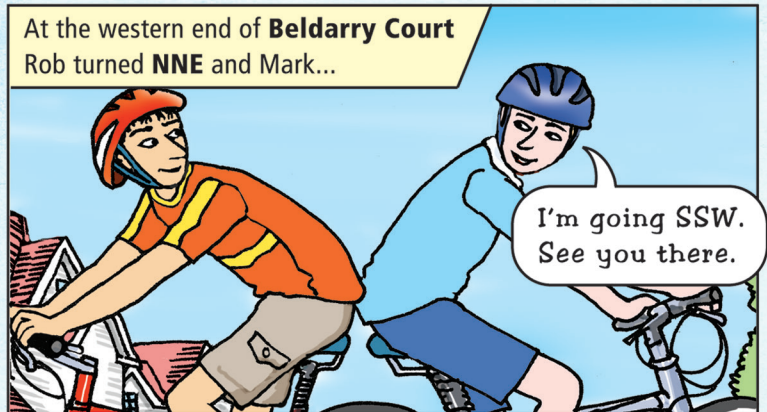
Work out where Rob and Mark are going. Who will get there first?

OK Jake, pin a note on the tree giving us the final directions. We'll see you there.



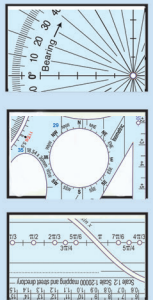
Rob and Mark start from **Beldarry Court** (J9 on the map).

At the western end of **Beldarry Court** Rob turned **NNE** and Mark...



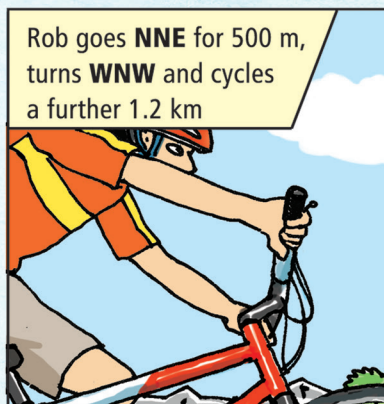
I'm going **SSW**. See you there.

Rob and Mark set off in different directions. Find the routes they take using:

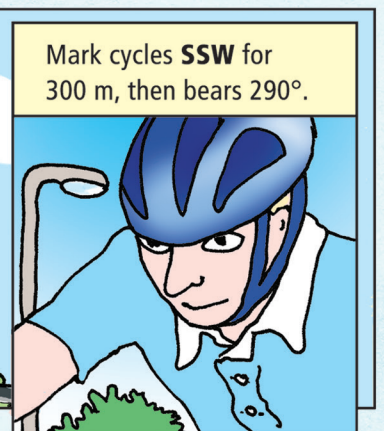


- the **bearings** marked on the **protractor** (remember to measure clockwise from **N**)
- the **compass rose**
- the **scale ruler**

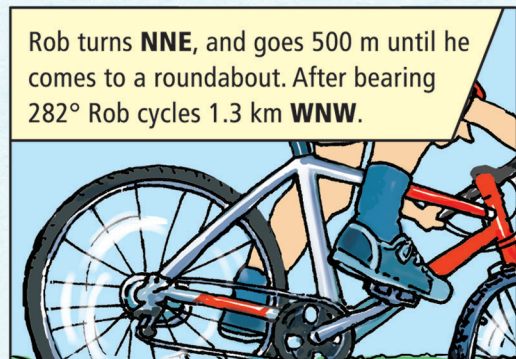
Rob goes **NNE** for 500 m, turns **WNW** and cycles a further 1.2 km



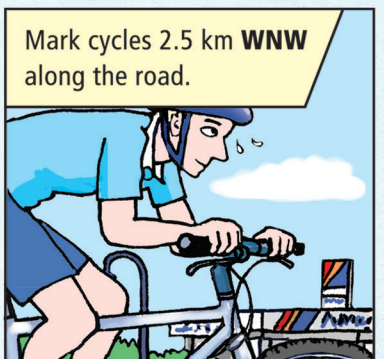
Mark cycles **SSW** for 300 m, then bears 290°.



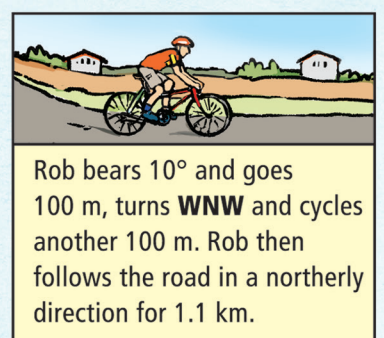
Rob turns **NNE**, and goes 500 m until he comes to a roundabout. After bearing 282° Rob cycles 1.3 km **WNW**.



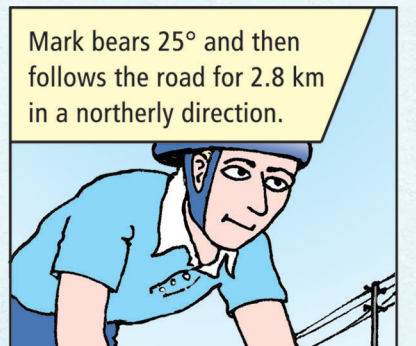
Mark cycles 2.5 km **WNW** along the road.



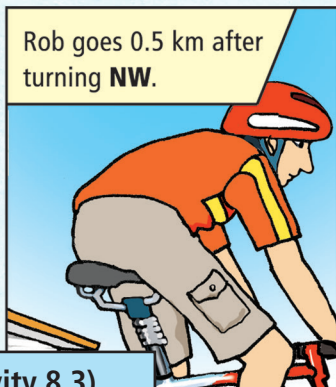
Rob bears 10° and goes 100 m, turns **WNW** and cycles another 100 m. Rob then follows the road in a northerly direction for 1.1 km.



Mark bears 25° and then follows the road for 2.8 km in a northerly direction.

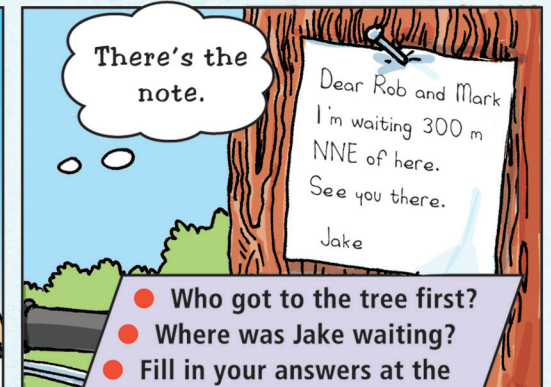


Rob goes 0.5 km after turning **NW**.



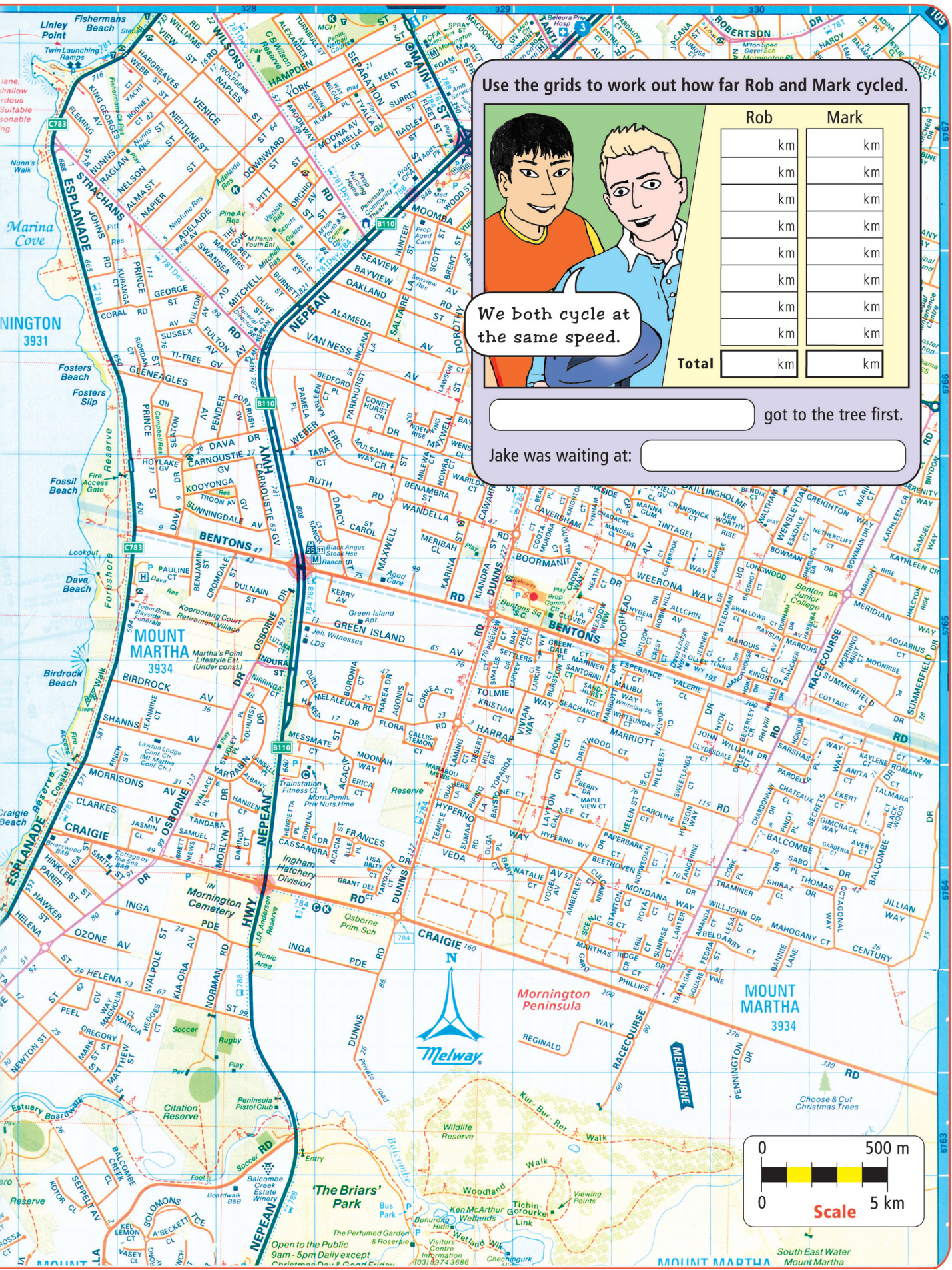
There's the note.

Dear Rob and Mark
I'm waiting 300 m
NNE of here.
See you there.
Jake

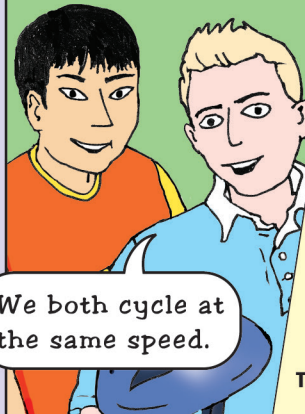


See 'Sailing round Sydney' (activity 8.3) for another map reading puzzle, in MAC.

- Who got to the tree first?
- Where was Jake waiting?
- Fill in your answers at the top of the next page.



Use the grids to work out how far Rob and Mark cycled.



We both cycle at the same speed.

	Rob	Mark
	km	km
	km	km
	km	km
	km	km
	km	km
	km	km
	km	km
Total	km	km

got to the tree first.

Jake was waiting at:

