23 The diagram shows the positions of three towns, Acton $(A)$, Barston $(B)$ and Chorlton $(C)$.


Barston is 8 km from Acton on a bearing of $037^{\circ}$
Chorlton is 9 km from Barston on a bearing of $150^{\circ}$
Find the bearing of Chorlton from Acton.
Give your answer correct to 1 decimal place.
You must show all your working.

