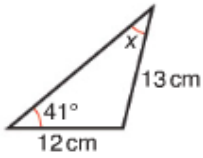


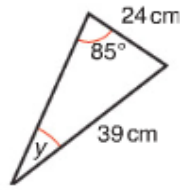
Exercise 86

Write your answers correct to 3 significant figures.

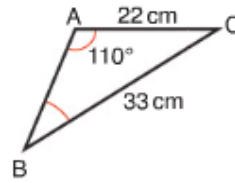
7 Find x .



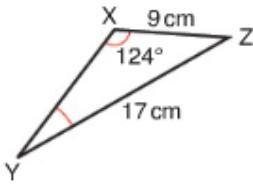
8 Find y .



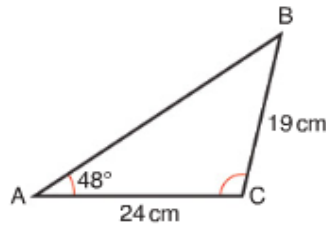
9 Find $\angle ABC$.



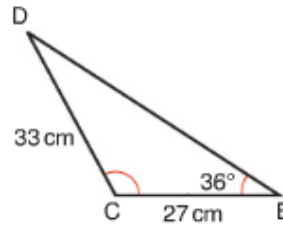
10 Find $\angle XYZ$.



11 Find $\angle ACB$.



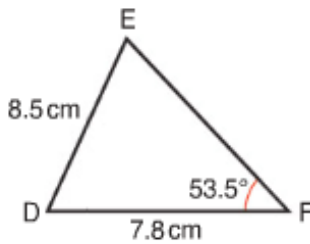
12 Find $\angle DCE$.



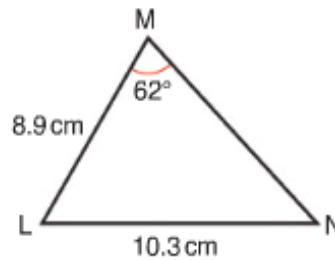
Exercise 86*

Write your answers correct to 3 significant figures.

5 Find EF , $\angle DEF$ and $\angle FDE$



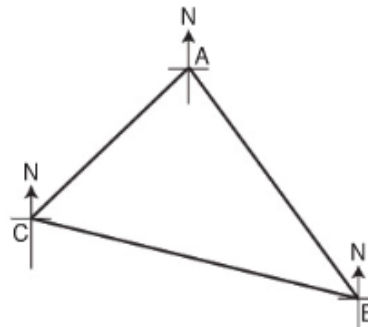
6 Find MN , $\angle MLN$ and $\angle LNM$.



Exercise 91 (Revision)

3 The bearing of B from A is 150° , the bearing of C from B is 280° , the bearing of A from C is 030° .

- Find the angles of $\triangle ABC$.
- The distance AC is 4 km. Use the sine rule to find the distance AB.



6 Copy this diagram of a ski slope and include these facts: $DE = 300$ m, $AD = 400$ m, $CE = 100$ m. Find

- the angle that CD makes with ADEF
- AE
- the angle that CA makes with ADEF.

