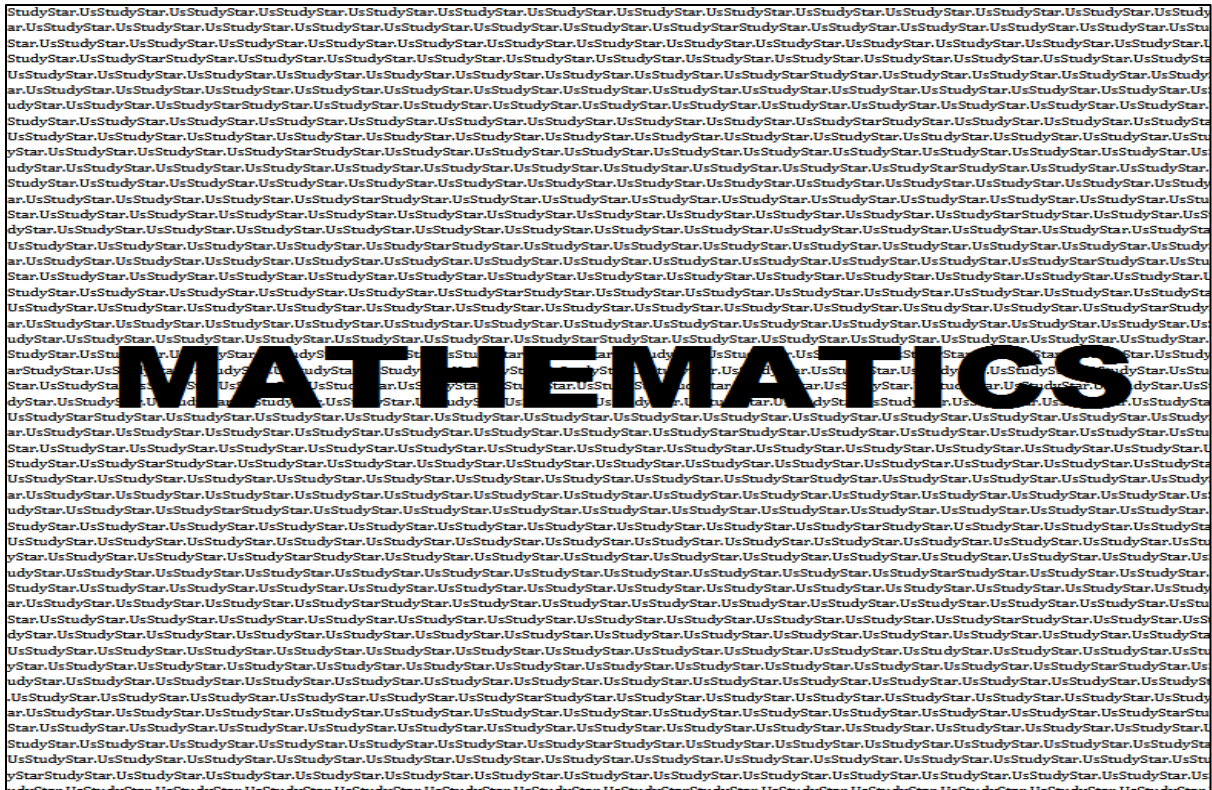




ANGLES

Total Marks: 20

Duration: 0 hours, 25 minutes

Instructions to test takers

1. Answer all the questions in this paper
2. All the answers for the questions in this paper will be found on **Study Star** (www.studystar.me)
3. Using the answers on the website, mark yourself truthfully and carefully.

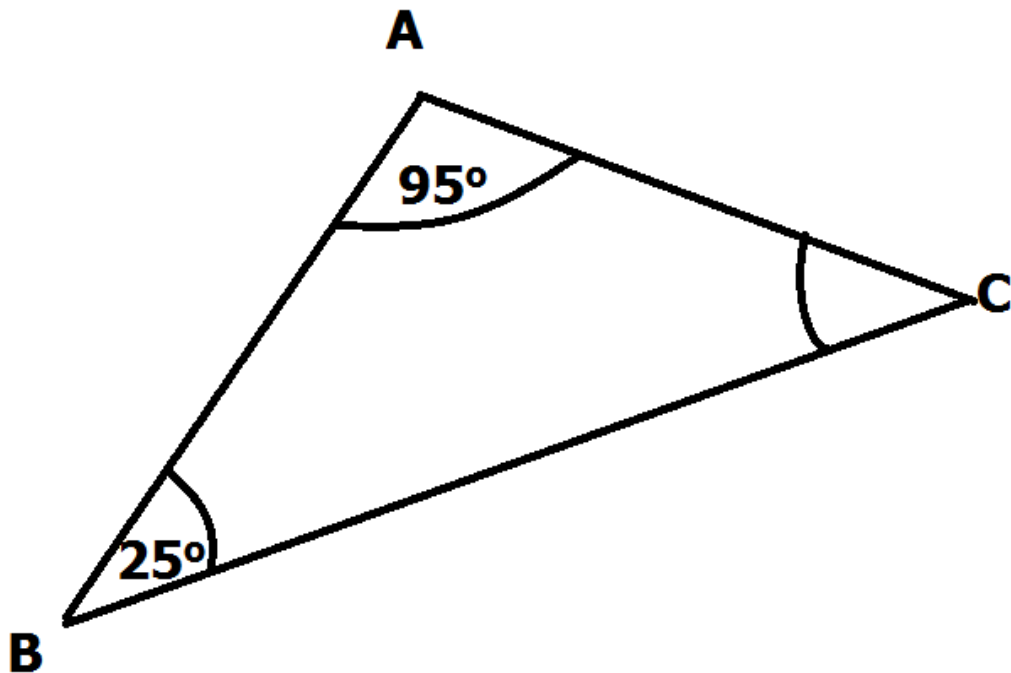
Turn this page, time yourself and begin the test

Section A

1. Given that 83° and x° are supplementary angles. Calculate the value of x .
-

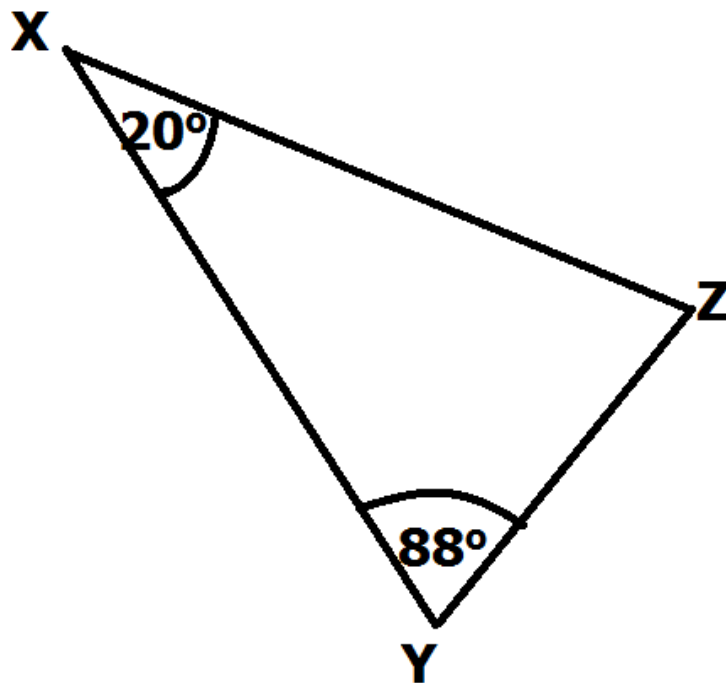
2. Given that 85° and y° are complementary angles. Calculate the value of y .
-

3. Study the diagram below.



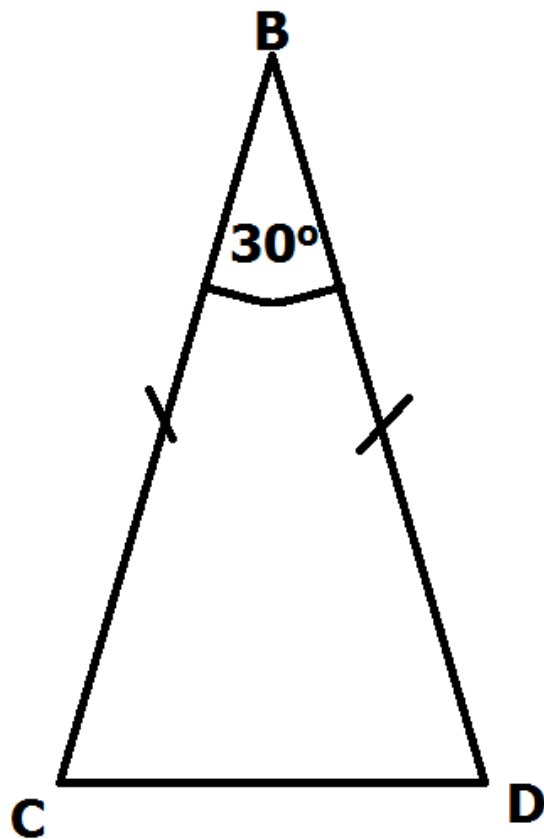
Calculate angle ACB.

4. Study the diagram below.



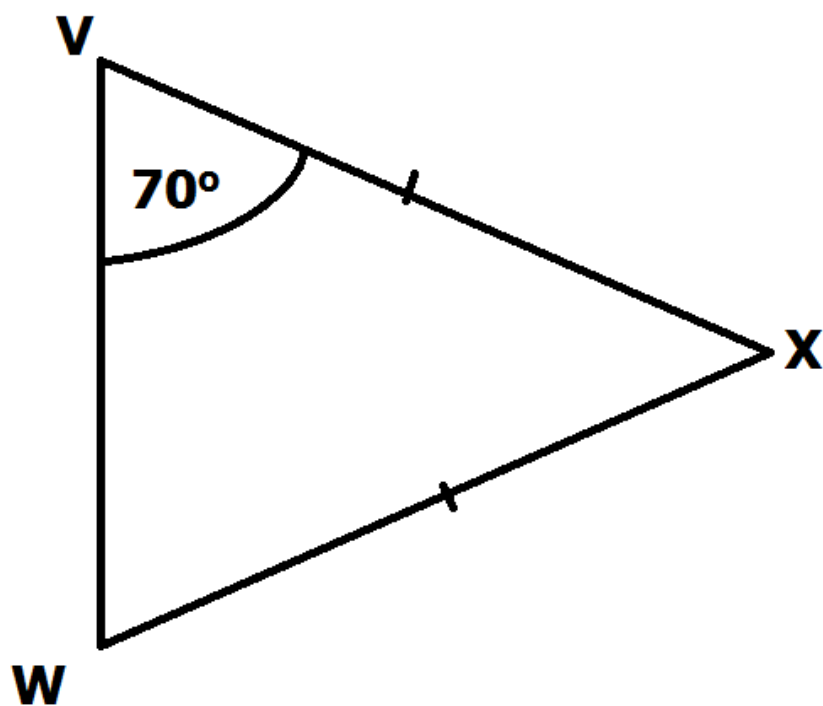
Calculate angle XZY.

-
5. The diagram below shows an isosceles triangle.



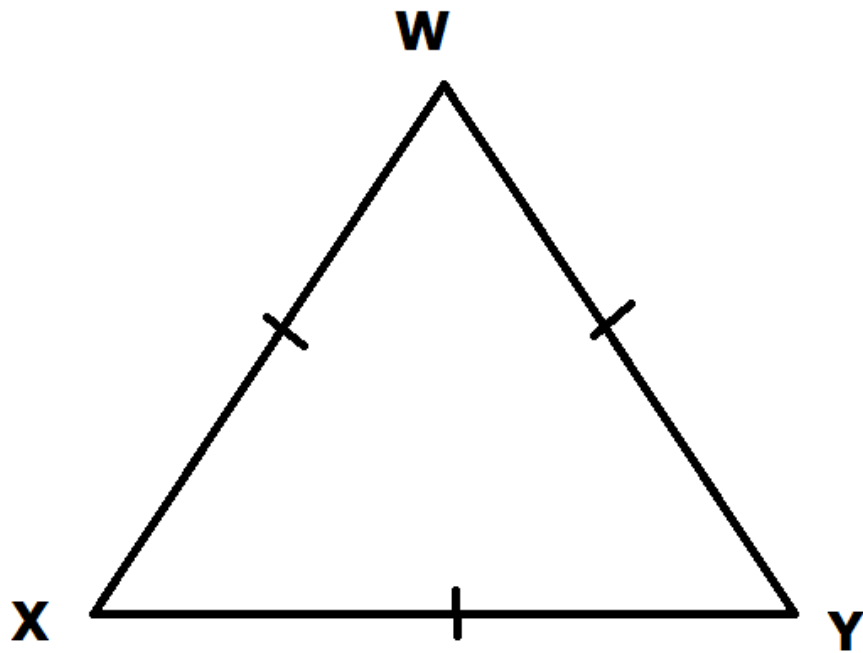
Find angle BCD.

6. Study the diagram below.



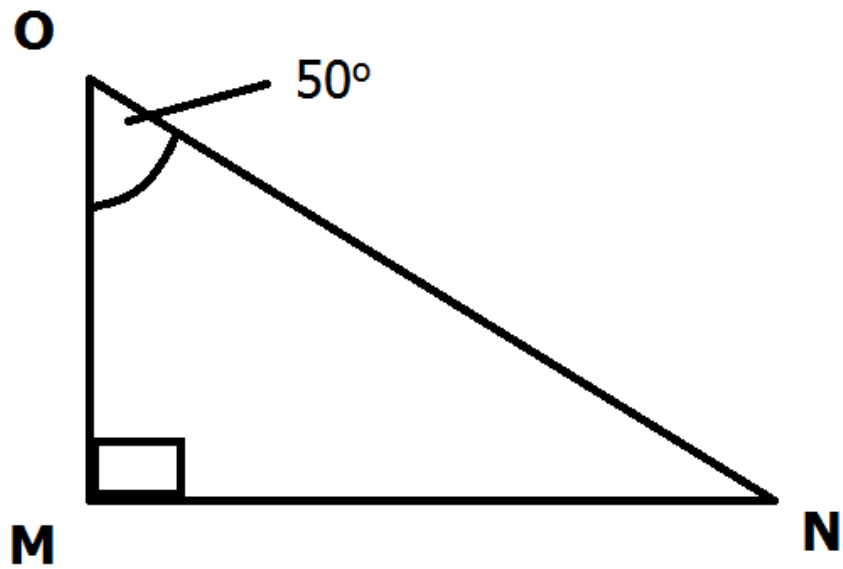
Calculate angle VWX .

7. Study the diagram below.



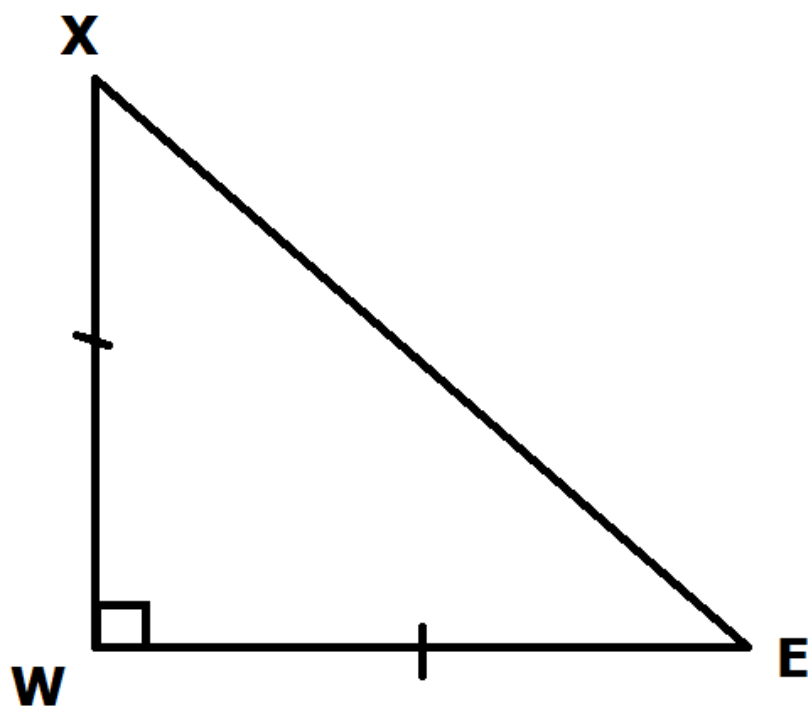
Calculate angle WXY.

-
8. The diagram below is a right angled triangle.



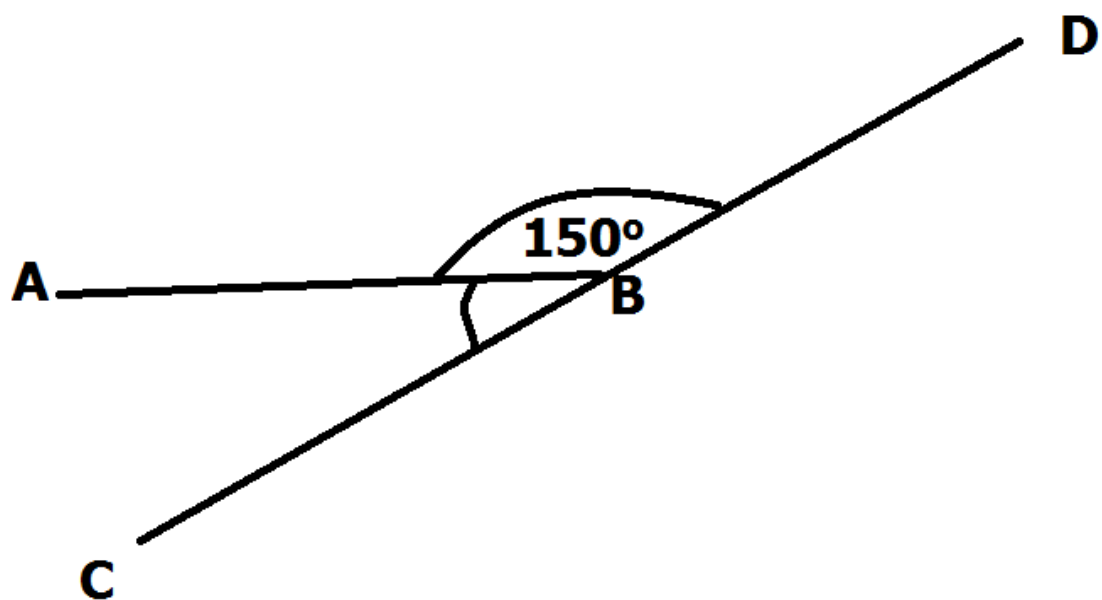
Calculate angle ONM .

-
9. The diagram below is a right angled isosceles triangle.



Calculate angle WXE.

-
10. Study the diagram below.

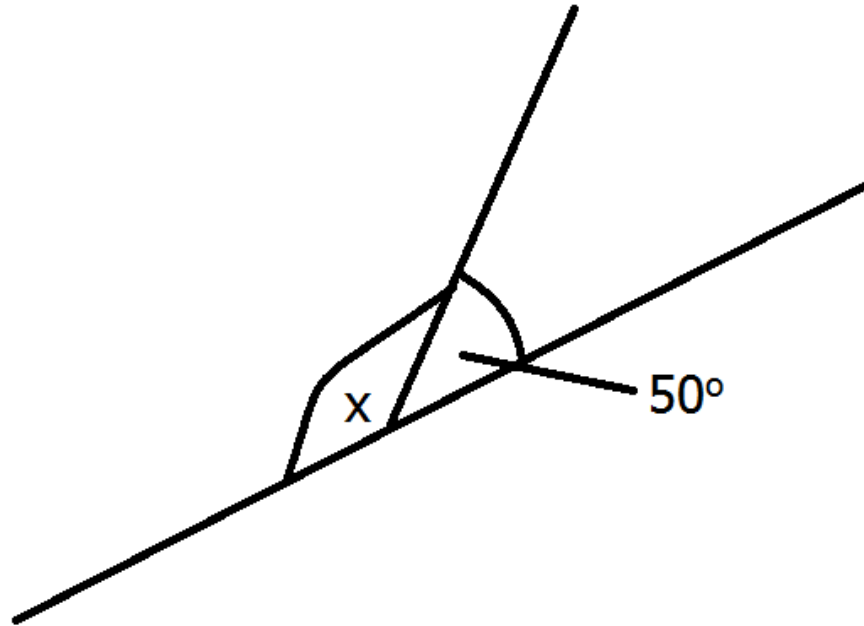


Calculate angle ABC.



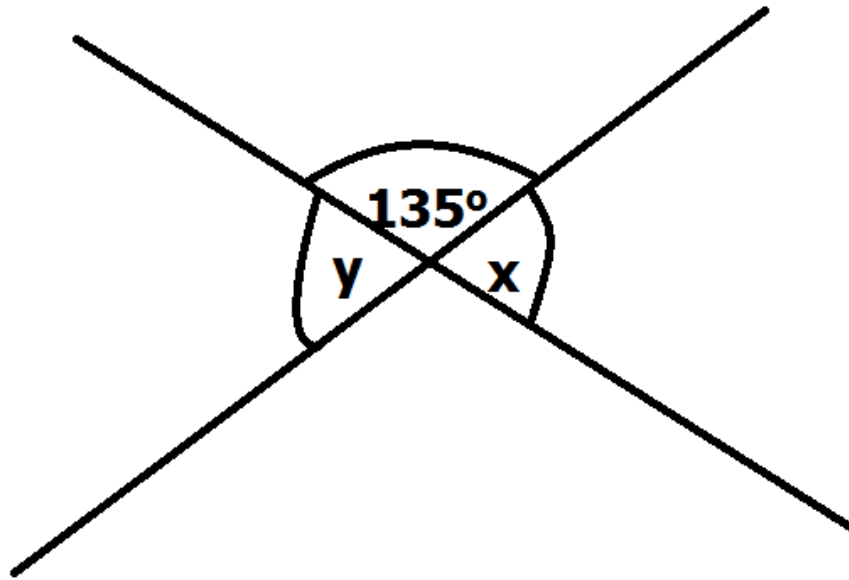
Section B

11. Calculate the value of x from the diagram below.



[1]

12. Study the diagram below.

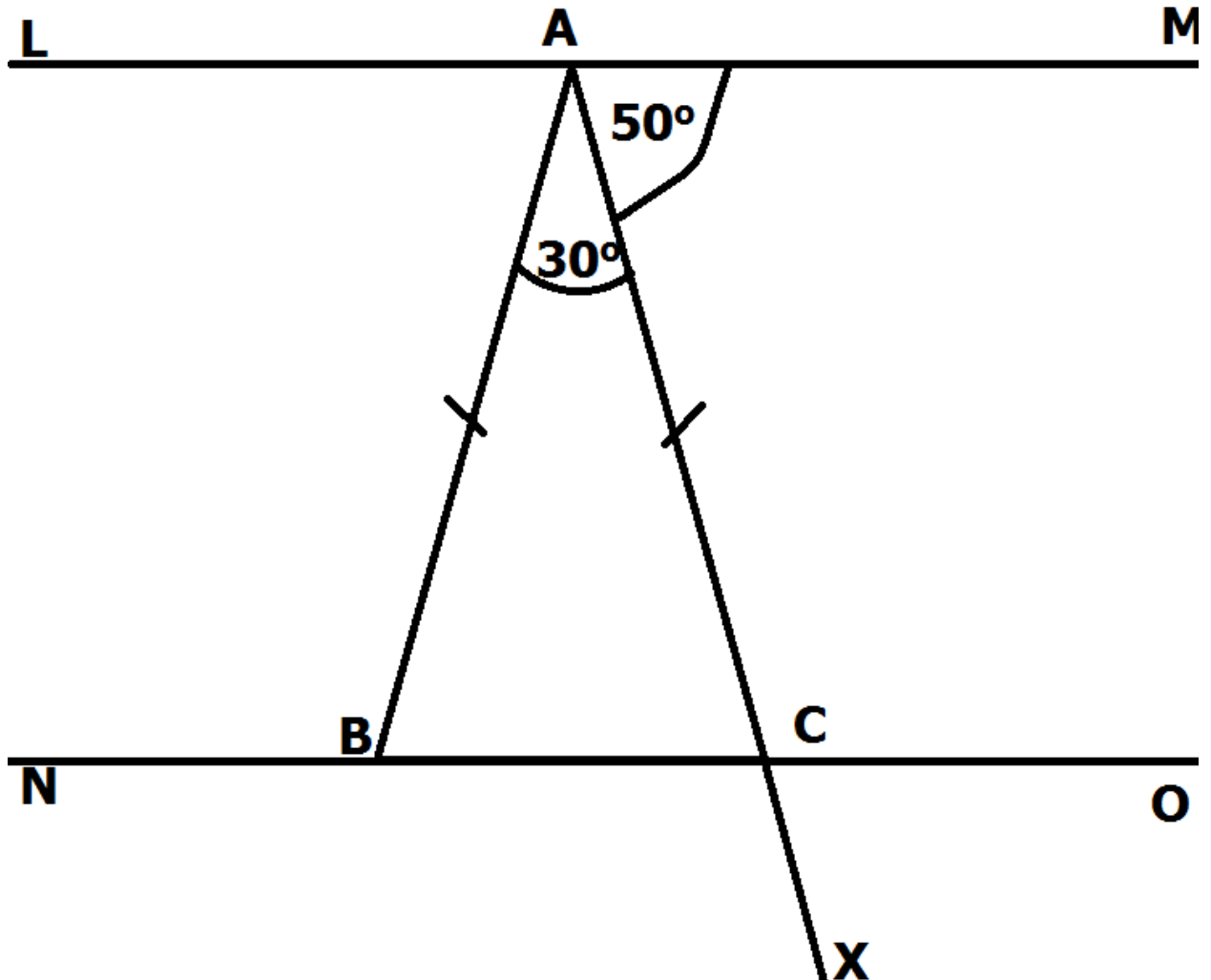


Find x and y

[2]



13. Study the diagram below.



Find $\angle LAB$

[2]

-
14. Calculate the angle ABN from the diagram in question 13 above.

[2]

-
15. Calculate angle OCX from question 13 above.

[3]



A top student's secret tool