

17.06.2020

LK: To find missing angles at a point

Hello everybody! Miss Dattani here, I hope you are all safe and well.

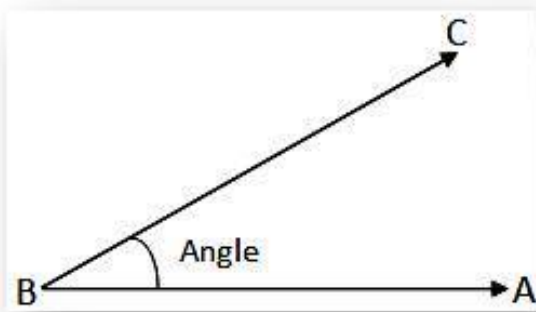
You do not need a printer to complete any tasks, please do your task on pen and paper and email me if you have any questions at WDV.year5@oasiswoodview.org

Your task is differentiated two ways:

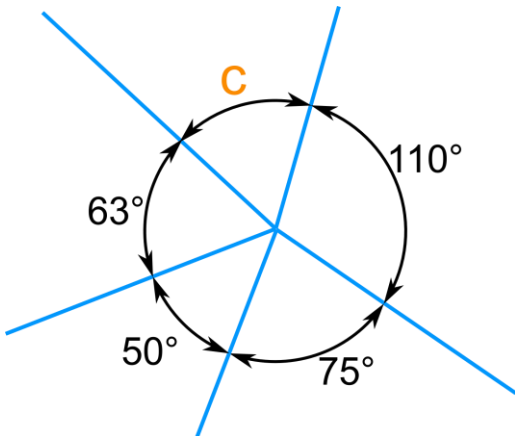
-Section A is suited for one star (blue, green and yellow)

-Section B is suited for two and three star (orange and red table)

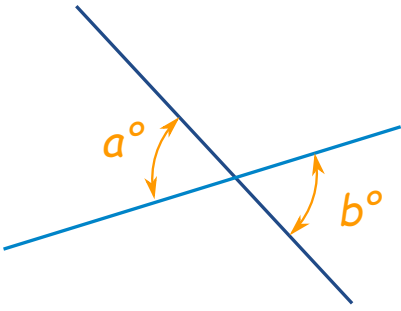
An angle is the amount of space between two lines:



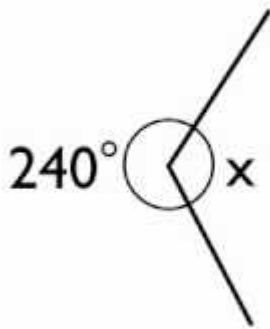
-Angles at a point total 360° , this is a full turn



-opposite angles are always the same



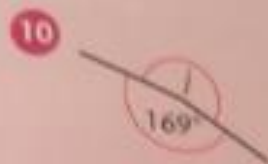
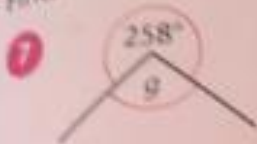
Today, we will focus on finding missing angles at a point Below is an example of how to calculate this



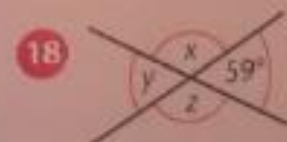
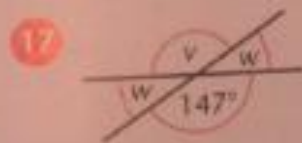
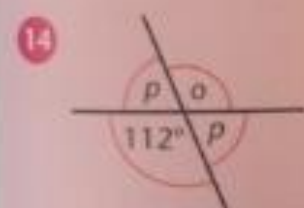
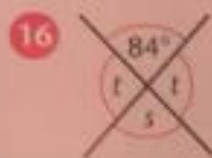
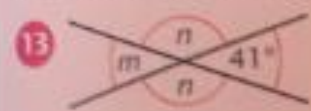
I know that angles at a point total 360° so I need to subtract the known angles.
 $360 - 240 = 120^\circ$. Angle $x = 120^\circ$.

-If you have more known angles, total them up and subtract them from 360.

-please note that questions 13-18 are a challenge.

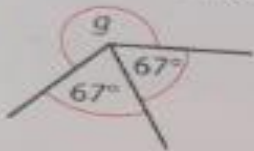
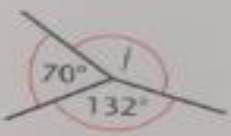


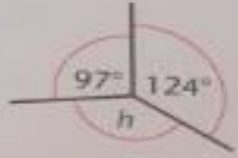

Find the missing angles.





Section B

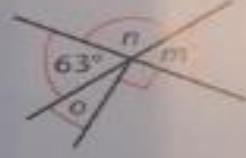
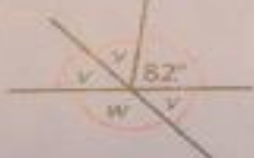
...ing angles.

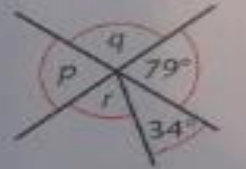
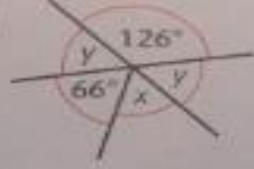
7  10 

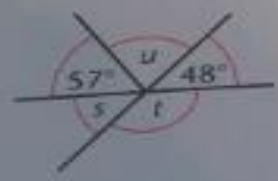
8  11 

9  12 

Calculate the missing angles.

13  16 

14  17 

15  18 