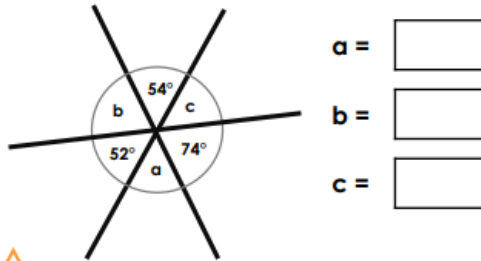
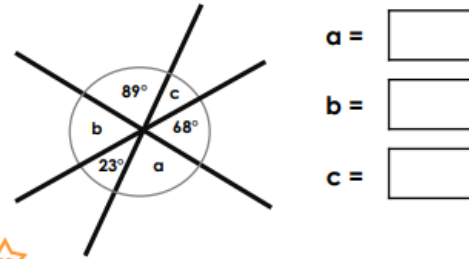


1

9a. Calculate the missing angles.

 $a =$ $b =$ $c =$ 

9b. Calculate the missing angles.

 $a =$ $b =$ $c =$ 

2

8a. You have drawn 2 straight lines that cross each other. 1 set of vertically opposite angles measure 92° each.

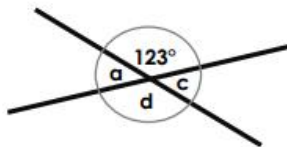
What is the size of the other vertically opposite angles?

8b. You have drawn 2 straight lines that cross each other. 1 set of vertically opposite angles measure 124° each.

What is the size of the other vertically opposite angles?

3

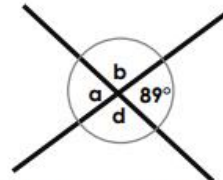
5a. Sandy says:

I think that angle c measures 114° .

Is Sandy correct? Explain why.



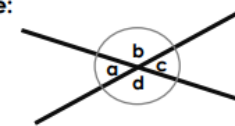
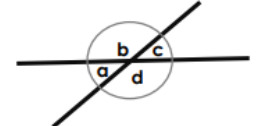
5b. Jack says:

I think that angle d measures 90° .

Is Jack correct? Explain why.



4

6a. Knowing that d measures 131° , identify whether these statements are true or false:a. Angle c measures 49° .b. Angles b and d total 180° .c. Angles a , b and c total 229° .d. Angles a and c total 100° .6b. Knowing that c measures 74° , identify whether these statements are true or false:a. Angles a and c total 146° .b. Angle b measures 106° .c. Angles b and d total 212° .d. Angles a , b , c and d total 180° .