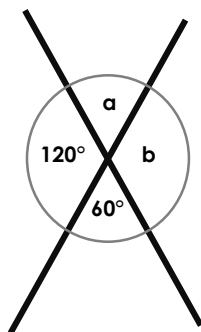


Vertically Opposite Angles

Vertically Opposite Angles

1a. Calculate the missing angles.

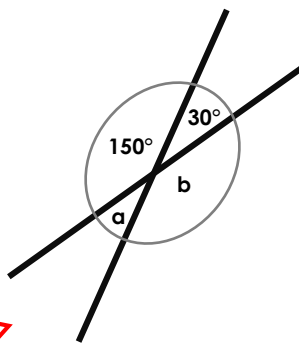


$$a = \boxed{}$$

$$b = \boxed{}$$

Not to scale

1b. Calculate the missing angles.

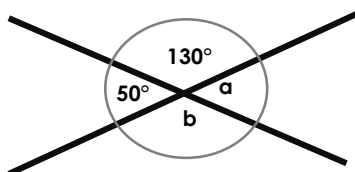


$$a = \boxed{}$$

$$b = \boxed{}$$

Not to scale

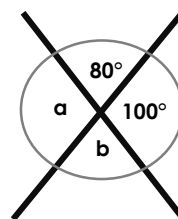
2a. Complete the statement.



$$a + b = \boxed{}$$

Not to scale

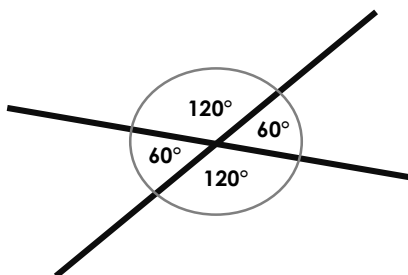
2b. Complete the statement.



$$80^\circ + 100^\circ + a + b = \boxed{}$$

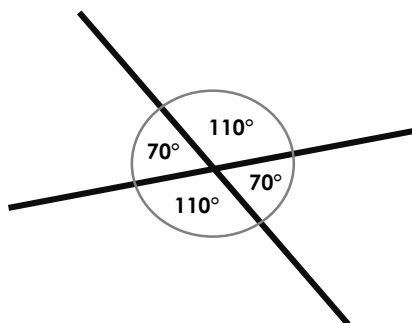
Not to scale

3a. Which angles total 180° ?



Not to scale

3b. Which angles total 360° ?



Not to scale

4a. You have drawn 2 straight lines that cross each other. 1 set of vertically opposite angles measure 80° each.

What is the size of the other vertically opposite angles?

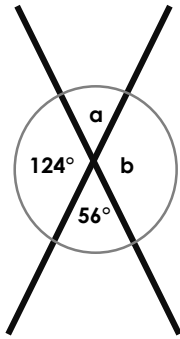
4b. You have drawn 2 straight lines that cross each other. 1 set of vertically opposite angles measure 110° each.

What is the size of the other vertically opposite angles?

Vertically Opposite Angles

Vertically Opposite Angles

5a. Calculate the missing angles.



$$a = \boxed{}$$

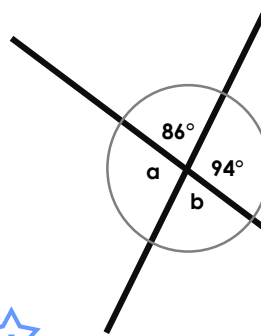
$$b = \boxed{}$$



Not to scale

VF

5b. Calculate the missing angles.



$$a = \boxed{}$$

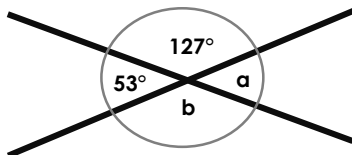
$$b = \boxed{}$$



Not to scale

VF

6a. Complete the statement.



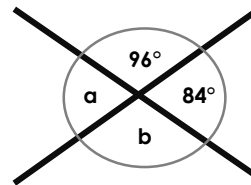
$$a + b = \boxed{}$$



Not to scale

VF

6b. Complete the statement.



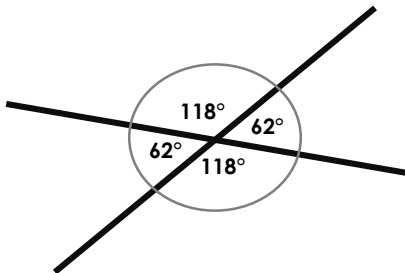
$$96^\circ + 84^\circ + a + b = \boxed{}$$



Not to scale

VF

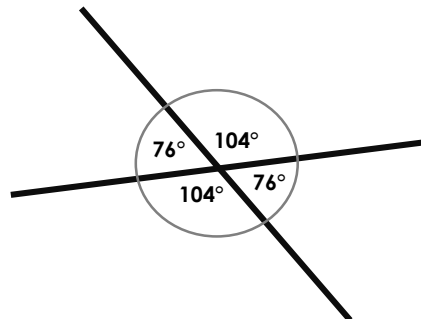
7a. Which angles total 180° ?



Not to scale

VF

7b. Which angles total 360° ?



Not to scale

VF

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?



VF

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?

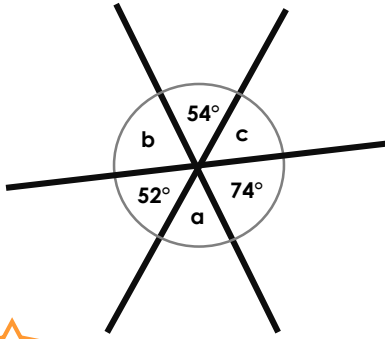


VF

Vertically Opposite Angles

Vertically Opposite Angles

9a. Calculate the missing angles.



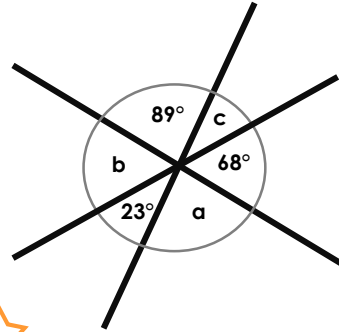
$a =$
 $b =$
 $c =$



Not to scale

VF

9b. Calculate the missing angles.



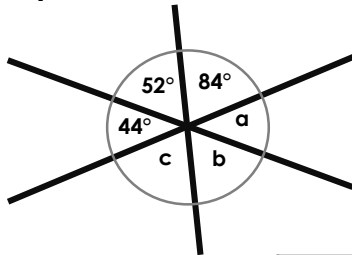
$a =$
 $b =$
 $c =$



Not to scale

VF

10a. Complete the statement.



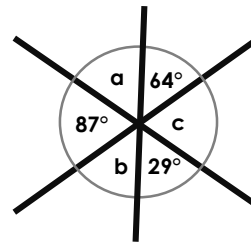
$a + b + c =$



Not to scale

VF

10b. Complete the statement.



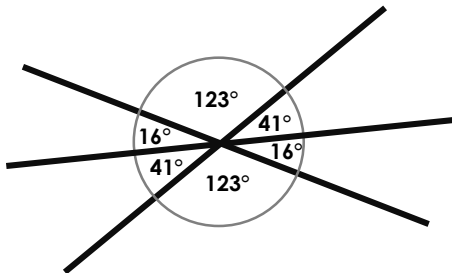
$87^\circ + 64^\circ + 29^\circ + a + b + c =$



Not to scale

VF

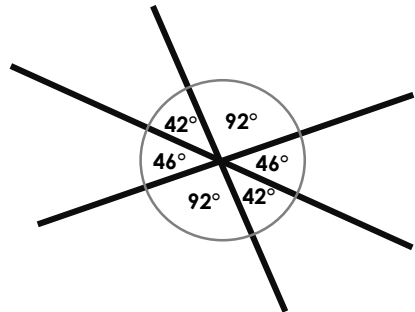
11a. Which angles total 180° ?



Not to scale

VF

11b. Which angles total 360° ?



Not to scale

VF

12a. You have drawn 3 straight lines that cross each other. 1 set of vertically opposite angles measure 108° each. Another set measures 43° each.

What is the size of the 3rd set of vertically opposite angles?



VF

12b. You have drawn 3 straight lines that cross each other. 1 set of vertically opposite angles measure 94° each. Another set measures 37° each.

What is the size of the 3rd set of vertically opposite angles?



VF