

# Vertical Angles

A) 1) Which of the following is the vertically opposite angle of  $\angle AOE$ ?

- i)  $\angle AOB$       ii)  $\angle DOE$       iii)  $\angle BOD$       iv)  $\angle COB$

2) Identify the vertically opposite angle of  $\angle EOF$  from the following.

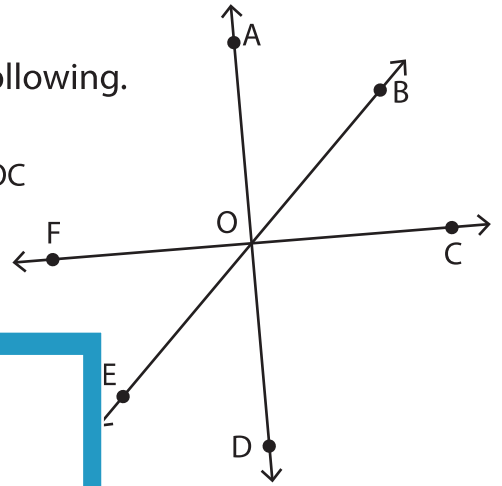
- i)  $\angle BOC$       ii)  $\angle AOF$       iii)  $\angle COD$       iv)  $\angle EOC$

3) Write the the vertically opposite angle of  $\angle COD$ .

\_\_\_\_\_

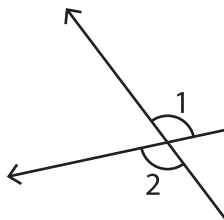
4) Write the the vertic

\_\_\_\_\_



B) Find the unknown

1)



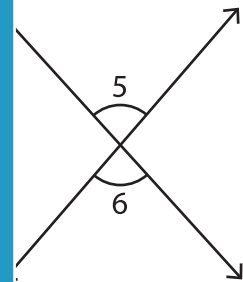
$m\angle 1 = 11^\circ$

$m\angle 2 =$  \_\_\_\_\_

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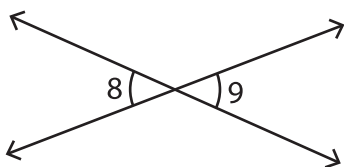
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$m\angle 6 = 83^\circ$

$m\angle 5 =$  \_\_\_\_\_

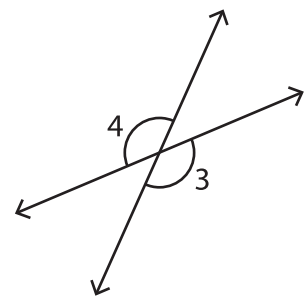
3)



$m\angle 9 = 45^\circ$

$m\angle 8 =$  \_\_\_\_\_

4)



$m\angle 3 = 137^\circ$

$m\angle 4 =$  \_\_\_\_\_