

# Naming angles – Solutions



Identify the marked angle in each diagram and write a correct three-letter name.

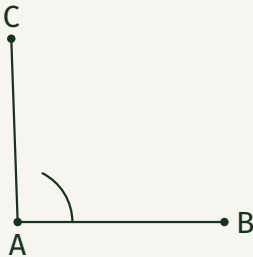
Name \_\_\_\_\_

Date \_\_\_\_\_

## How to respond

Write the angle name using three letters, with the vertex as the middle letter. If the same angle can be named in reverse order, either correct name is acceptable.

## Worked example Name the marked angle.

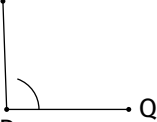


The vertex is the point where the rays meet, so the middle letter must be A.

The angle starts on ray AB and ends on ray AC.

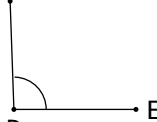
A correct name is  $\angle BAC$  or  $\angle CAB$ .

1. Name the marked angle.



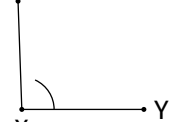
**Solution** P  
Rays PQ and PR meet at P.  
 $\angle QPR$  (or  $\angle RPQ$ )

2. Name the marked angle.



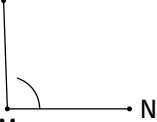
**Solution** D  
Rays DE and DF meet at D.  
 $\angle EDF$  (or  $\angle FDE$ )

3. Name the marked angle.



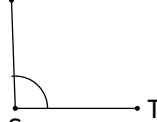
**Solution** X  
Rays XY and XZ meet at X.  
 $\angle YXZ$  (or  $\angle ZXY$ )

4. Name the marked angle.



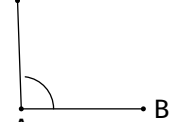
**Solution** M  
Rays MN and MO meet at M.  
 $\angle NMO$  (or  $\angle OMN$ )

5. Name the marked angle.



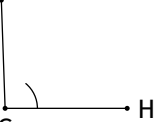
**Solution** S  
Rays ST and SU meet at S.  
 $\angle TSU$  (or  $\angle UST$ )

6. Name the marked angle.



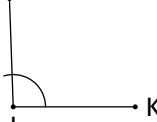
**Solution** A  
Rays AB and AC meet at A.  
 $\angle BAC$  (or  $\angle CAB$ )

7. Name the marked angle.



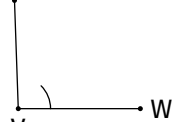
**Solution** G  
Rays GH and GI meet at G.  
 $\angle HGI$  (or  $\angle IGH$ )

8. Name the marked angle.



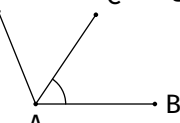
**Solution** J  
Rays JK and JL meet at J.  
 $\angle KJL$  (or  $\angle LJK$ )

9. Name the marked angle.



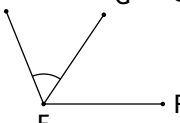
**Solution** V  
Rays VW and VX meet at V.  
 $\angle WVX$  (or  $\angle XVW$ )

10. Name the marked angle.



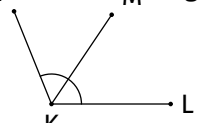
**Solution** A  
Rays AB and AC meet at A.  
 $\angle BAC$  (or  $\angle CAB$ )

11. Name the marked angle.



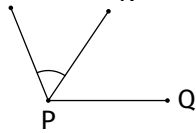
**Solution** E  
Rays EG and EH meet at E.  
 $\angle GEH$  (or  $\angle HEG$ )

12. Name the marked angle.



**Solution** K  
Rays KL and KN meet at K.  
 $\angle LKN$  (or  $\angle NKL$ )

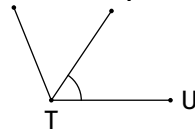
13. Name the marked angle.



**Solution**

Rays PR and PS meet at P.  
 $\angle RPS$  (or  $\angle SPR$ )

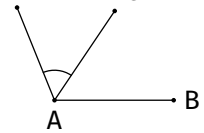
14. Name the marked angle.



**Solution**

Rays TU and TV meet at T.  
 $\angle UTV$  (or  $\angle VTU$ )

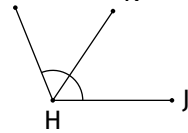
15. Name the marked angle.



**Solution**

Rays AC and AD meet at A.  
 $\angle CAD$  (or  $\angle DAC$ )

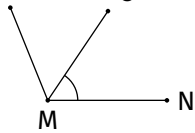
16. Name the marked angle.



**Solution**

Rays HJ and HL meet at H.  
 $\angle JHL$  (or  $\angle LHJ$ )

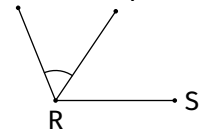
17. Name the marked angle.



**Solution**

Rays MN and MO meet at M.  
 $\angle NMO$  (or  $\angle OMN$ )

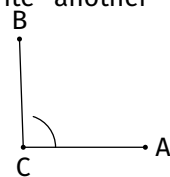
18. Name the marked angle.



**Solution**

Rays RT and RU meet at R.  
 $\angle TRU$  (or  $\angle URT$ )

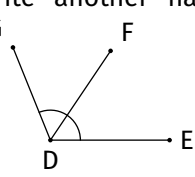
19. Write another name for  $\angle ACB$ .



**Solution**

Swap the outer letters:  $\angle ACB$

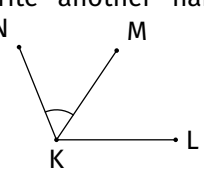
20. Write another name for  $\angle GDE$ .



**Solution**

Swap the outer letters:  $\angle GDE$

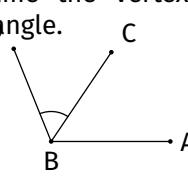
21. Write another name for  $\angle NKM$ .



**Solution**

Swap the outer letters:  $\angle NKM$

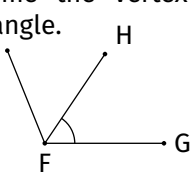
22. Name the vertex of the marked angle.



**Solution**

All rays meet at the vertex.  
Vertex = B

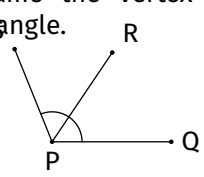
23. Name the vertex of the marked angle.



**Solution**

All rays meet at the vertex.  
Vertex = F

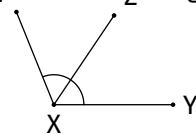
24. Name the vertex of the marked angle.



**Solution**

All rays meet at the vertex.  
Vertex = P

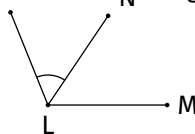
25. Name the marked angle.



**Solution**

Rays XY and XW meet at X.  
 $\angle YXW$  (or  $\angle WXY$ )

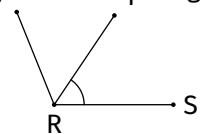
26. Name the marked angle.



**Solution**

Rays LN and LO meet at L.  
 $\angle NLO$  (or  $\angle OLN$ )

27. Name the marked angle.



**Solution**

Rays RS and RT meet at R.  
 $\angle SRT$  (or  $\angle TRS$ )