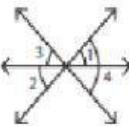


# Applications\_Grade-5\_Geometry

## Adjacent Angles & Linear Pairs

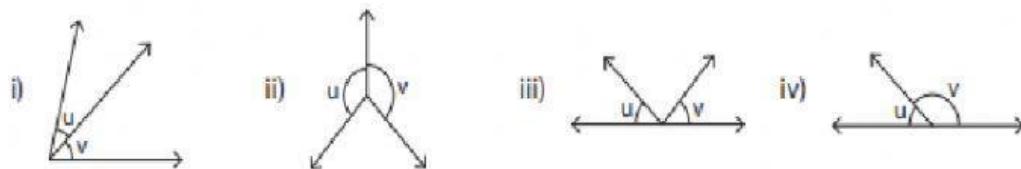
1.

1) Which of the following pairs of angles are adjacent?

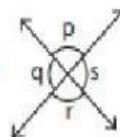


i)  $\angle 1, \angle 4$       ii)  $\angle 2, \angle 3$       iii)  $\angle 3, \angle 4$       iv)  $\angle 2, \angle 4$

2) In which of the following figures are the angles  $u$  and  $v$  not adjacent?

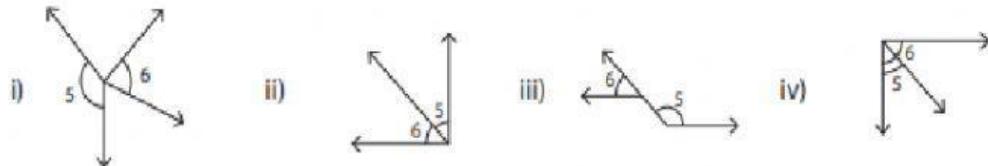


3) Which of the following pairs of angles are not adjacent?

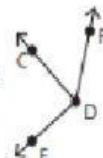


i)  $\angle p, \angle r$       ii)  $\angle p, \angle q$       iii)  $\angle r, \angle s$       iv)  $\angle q, \angle r$

4) In which of the following figures are the angles 5 and 6 adjacent?



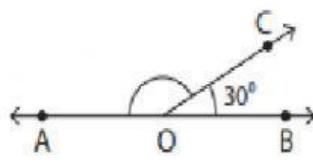
5) Identify the arm common to the adjacent angles in the figure.



i)  $\overrightarrow{DF}$       ii)  $\overrightarrow{EF}$       iii)  $\overrightarrow{DC}$       iv)  $\overrightarrow{DE}$

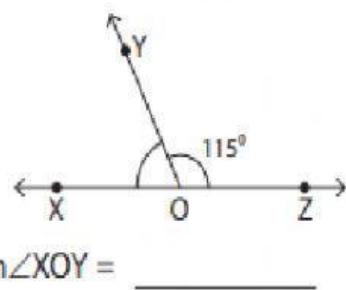
2. Find the measure of each indicated angle.

1)



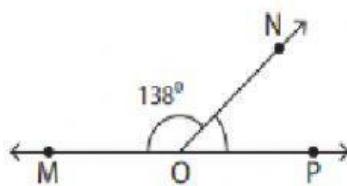
$$m\angle AOC = \underline{\hspace{2cm}}$$

2)



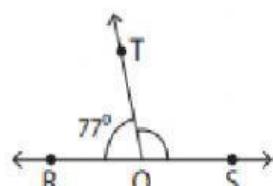
$$m\angle XOP = \underline{\hspace{2cm}}$$

3)



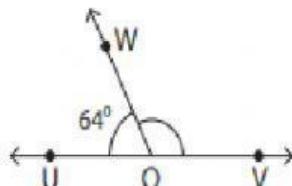
$$m\angle NOP = \underline{\hspace{2cm}}$$

4)



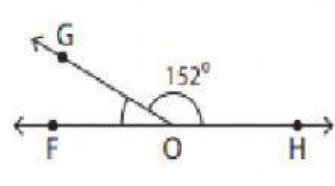
$$m\angle TOS = \underline{\hspace{2cm}}$$

5)



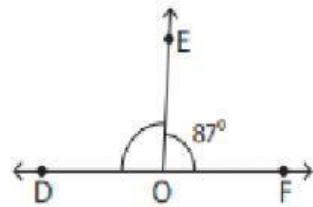
$$m\angle WOV = \underline{\hspace{2cm}}$$

6)



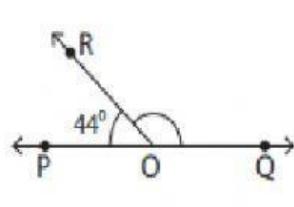
$$m\angle GOF = \underline{\hspace{2cm}}$$

7)



$$m\angle EOD = \underline{\hspace{2cm}}$$

8)



$$m\angle ROQ = \underline{\hspace{2cm}}$$