Adjacent Angles

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?

   i)   
   ii)  
   iii) 
   iv)  

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?

   i)   
   ii)  
   iii) 
   iv)  

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

   i) \( \overrightarrow{DF} \)    ii) \( \overrightarrow{EF} \)    iii) \( \overrightarrow{DC} \)    iv) \( \overrightarrow{DE} \)
Adjacent Angles

1) Which of the following pairs of angles are adjacent?
   
i) \( \angle 1, \angle 4 \)   \( \checkmark \) ii) \( \angle 2, \angle 3 \)   \( \checkmark \) iii) \( \angle 3, \angle 4 \)   \( \checkmark \) iv) \( \angle 2, \angle 4 \)

2) In which of the following figures are the angles \( u \) and \( v \) not adjacent?
   
i) \( u \) and \( v \)   \( \checkmark \) ii) \( u \) and \( v \)   \( \checkmark \) iii) \( u \) and \( v \)   \( \checkmark \) iv) \( u \) and \( v \)

3) Which of the following pairs of angles are not adjacent?
   
   \( \checkmark \) 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?
   
i) \( \angle 5, \angle 6 \)   \( \checkmark \) ii) \( \angle 5, \angle 6 \)   \( \checkmark \) iii) \( \angle 5, \angle 6 \)   \( \checkmark \) iv) \( \angle 5, \angle 6 \)

5) Identify the arm common to the adjacent angles in the figure.
   
i) \( \overrightarrow{DF} \) ii) \( \overrightarrow{EF} \) iii) \( \overrightarrow{DC} \) iv) \( \overrightarrow{DE} \)