

Name: \_\_\_\_\_

Grade: \_\_\_\_\_

Score: \_\_\_\_\_

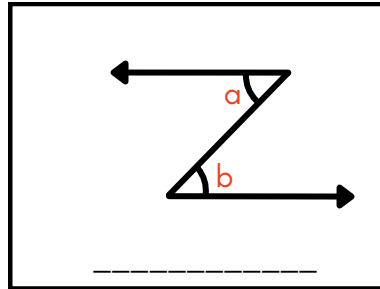
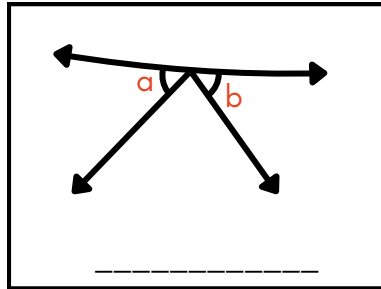
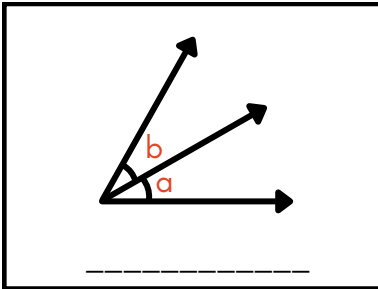
## Worksheet #2



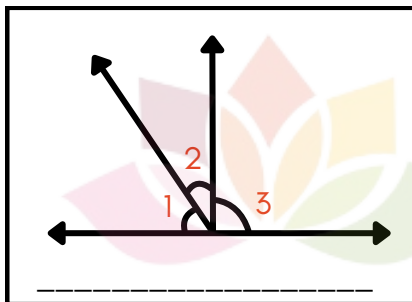
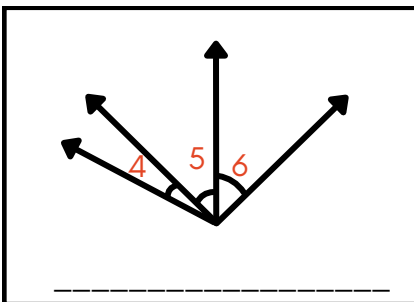
## ADJACENT ANGLES

**Learning goal:** Students will be able to identify and use angle relationships formed by parallel lines and a transversal to find unknown angles.

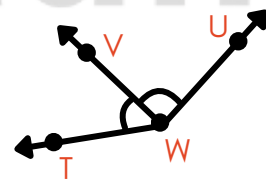
State whether the indicated angle pairs are adjacent or not



Identify the two pairs of adjacent angles in each figure.

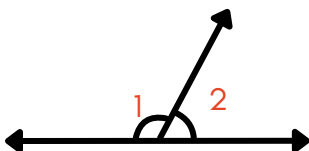


Identify the arm common to the adjacent angles in the figure.

(i)  $\overrightarrow{WT}$ (ii)  $\overrightarrow{WU}$ (iii)  $\overrightarrow{WV}$ 

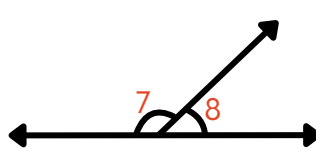
Find the measure of each numbered angle

$$m\angle 2 = 57$$



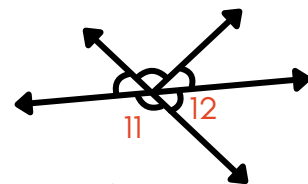
$$m\angle 1 =$$

$$m\angle 7 = 111$$



$$m\angle 8 =$$

$$m\angle 11 = 111$$



$$m\angle 12 =$$

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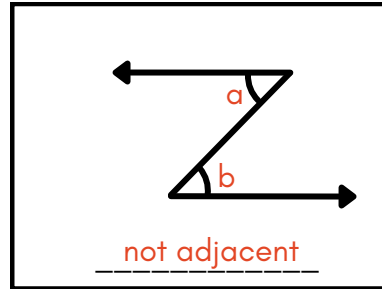
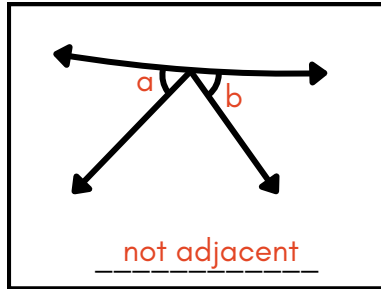
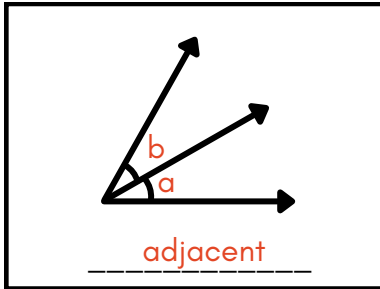
## Worksheet #2(Answers)



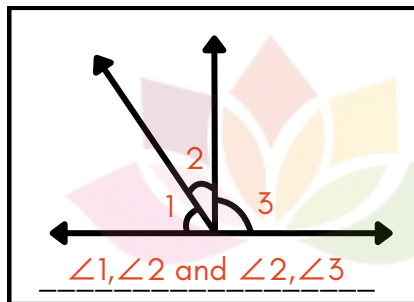
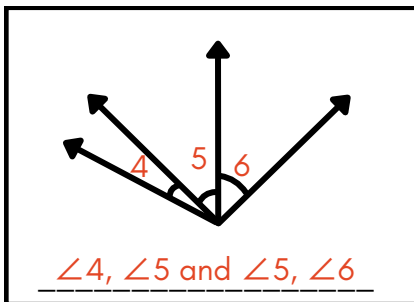
# ADJACENT ANGLES

**Learning goal:** Students will be able to identify and use angle relationships formed by parallel lines and a transversal to find unknown angles.

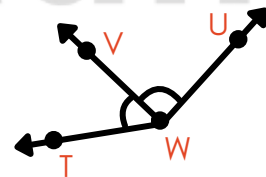
State whether the indicated angle pairs are adjacent or not



Identify the two pairs of adjacent angles in each figure.

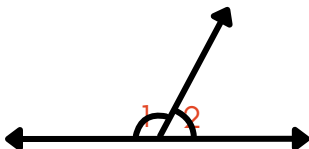


Identify the arm common to the adjacent angles in the figure.

(i)  $\overrightarrow{WT}$ (ii)  $\overrightarrow{WU}$ (iii)  $\overrightarrow{WV}$ 

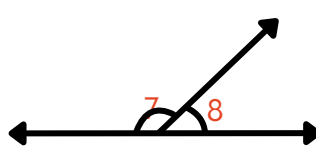
Find the measure of each numbered angle

$$m\angle 2 = 57$$



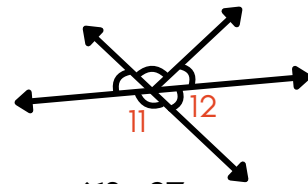
$$m\angle 1 = 123$$

$$m\angle 7 = 111$$



$$m\angle 8 = 69$$

$$m\angle 11 = 111$$



$$m\angle 12 = 97$$