

**Lesson 4.5: Parallelism and Perpendicularity**  
**PERFORMANCE OUTPUT 3**

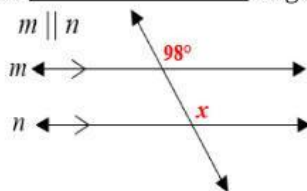
**Name:** \_\_\_\_\_

**Grade and Section:** \_\_\_\_\_

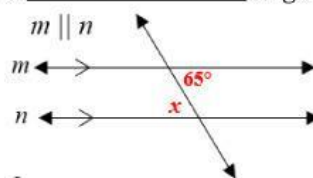
*General Direction: Analyze the illustration below and determine the missing values.*

**A.** Given the illustration below solve for  $x$  and name the given pair of angles.

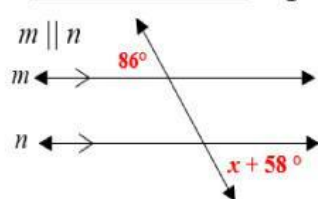
1. a.  $x =$  \_\_\_\_\_  
b. \_\_\_\_\_ angles



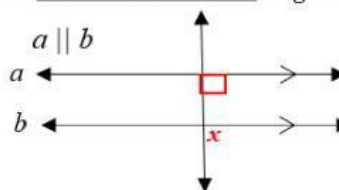
2. a.  $x =$  \_\_\_\_\_  
b. \_\_\_\_\_ angles



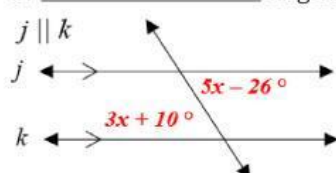
3. a.  $x =$  \_\_\_\_\_  
b. \_\_\_\_\_ angles



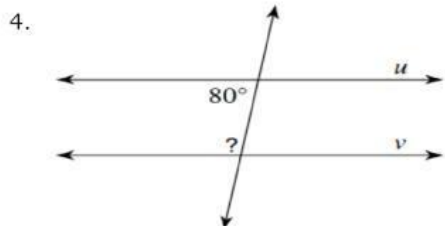
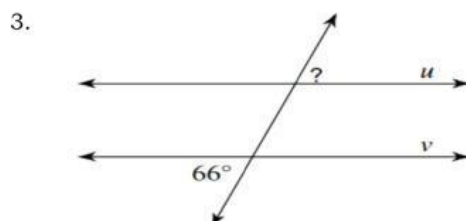
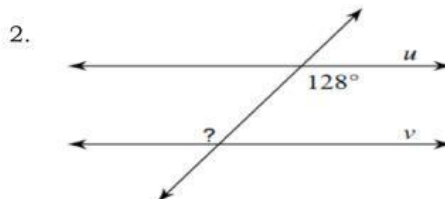
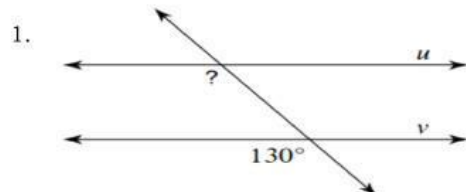
4. a.  $x =$  \_\_\_\_\_  
b. \_\_\_\_\_ angles



5. a.  $x =$  \_\_\_\_\_  
b. \_\_\_\_\_ angles



**B.** Find the measure of the indicated angle that makes lines  $u$  and  $v$  parallel.



**C.** Find the value of  $x$  that makes lines  $u$  and  $v$  parallel.

