

# Unit 5 - Transversals and Parallel Lines Homework

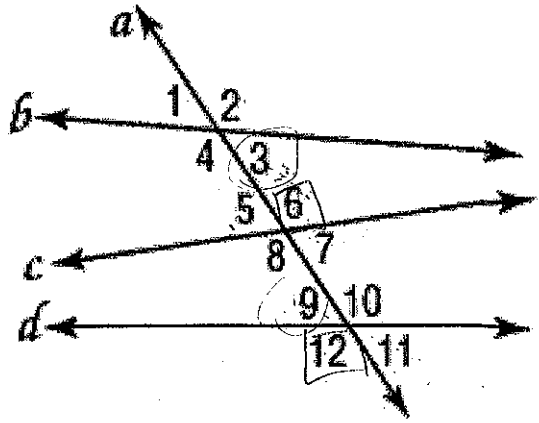
# 1-8, #12, 13, 14  
(Even)

Name Answer

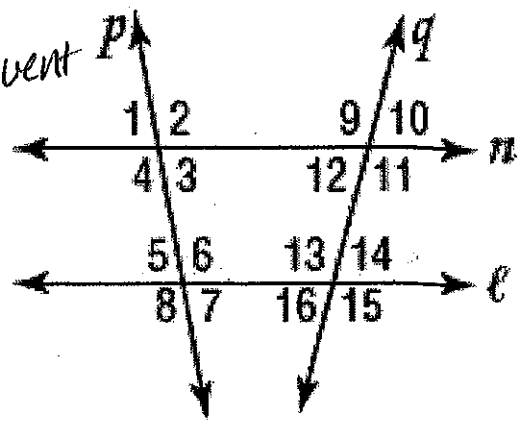
Date \_\_\_\_\_

**Directions:** Using the pictures below, identify each pair of angles as alternate interior, alternate exterior, corresponding, consecutive interior, vertical, or linear pairs.

1.  $\angle 2$  and  $\angle 8$  AEA
2.  $\angle 3$  and  $\angle 6$  CI
3.  $\angle 1$  and  $\angle 9$  Corresponding
4.  $\angle 6$  and  $\angle 8$  vertical
5.  $\angle 3$  and  $\angle 9$  AIA
6.  $\angle 6$  and  $\angle 12$  AEA
7.  $\angle 7$  and  $\angle 11$  corresponding
8.  $\angle 9$  and  $\angle 10$  Linear Pair



9.  $\angle 1$  and  $\angle 5$  corresponding
10.  $\angle 6$  and  $\angle 14$  corresponding but not congruent (not over parallel)
11.  $\angle 2$  and  $\angle 8$  Alt. Exterior
12.  $\angle 1$  and  $\angle 3$  vertical angles
13.  $\angle 3$  and  $\angle 11$  corresponding



14.  $\angle 12$  and  $\angle 3$  Consecutive interior angle  
(same side)

15.  $\angle 4$  and  $\angle 6$  Alternate interior

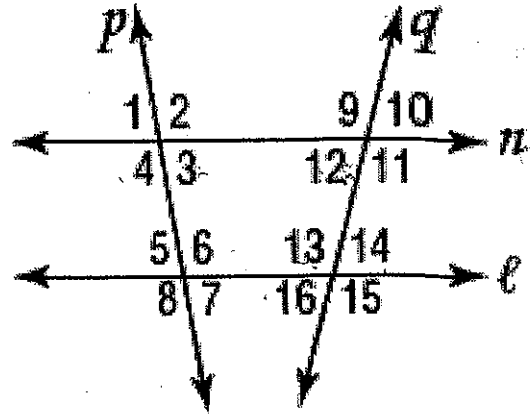
16.  $\angle 12$  and  $\angle 11$  Linear Pair

17.  $\angle 6$  and  $\angle 16$  Alternate interior

18.  $\angle 11$  and  $\angle 14$  Consecutive interior

19.  $\angle 10$  and  $\angle 16$  Alternate Exterior

20.  $\angle 14$  and  $\angle 16$  Vertical



21.  $\angle 2$  and  $\angle 12$  Alternate interior

22.  $\angle 6$  and  $\angle 18$  corresponding

23.  $\angle 13$  and  $\angle 19$  Alternate exterior

24.  $\angle 11$  and  $\angle 7$  consecutive

