

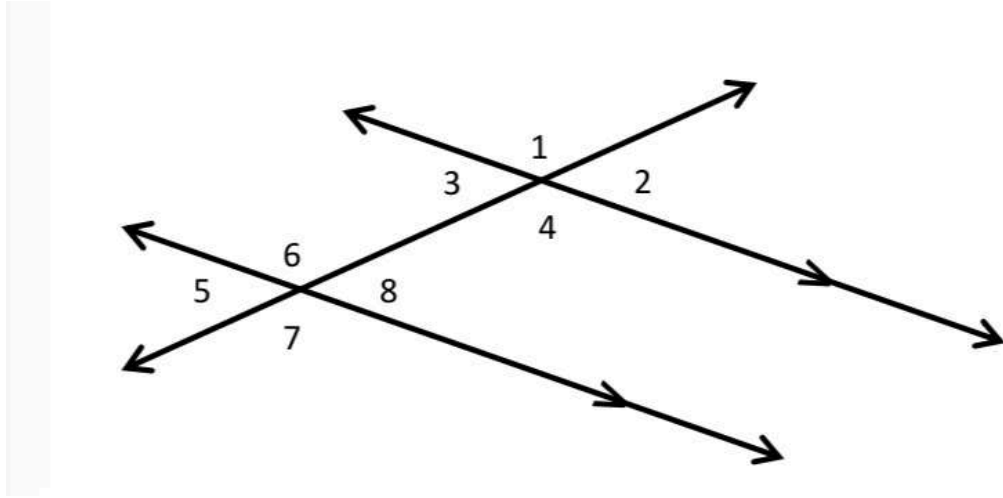
Intro to Transversals

Name _____ # _____

Date _____

Period _____

Answer each of the following questions—show all work for full credit.



The measure of Angle 1 is 135° . Find each angle measure.

1. Angle 2 _____

5. Angle 6 _____

2. Angle 3 _____

6. Angle 7 _____

3. Angle 4 _____

7. Angle 8 _____

4. Angle 5 _____

Name all of the angles that can complete each statement.

8. Angle 1 is congruent to _____

9. Angle 3 is congruent to _____

10. Angle 1 is supplementary to _____

11. Angle 3 is supplementary to _____

Classify each special pair of angles by choosing from the following terms:

Alternate Interior angles

Alternate Exterior angles

Corresponding angles

Vertical angles

Linear pair

Consecutive Interior angles

Consecutive Exterior angles

None of these

12. Angle 1 and Angle 2 _____

13. Angle 1 and Angle 4 _____

14. Angle 2 and Angle 8 _____

15. Angle 3 and Angle 6 _____

16. Angle 2 and Angle 5 _____

17. Angle 4 and Angle 7 _____

18. Angle 5 and Angle 8 _____

19. Angle 2 and Angle 7 _____

20. Angle 4 and Angle 6 _____

21. Angle 3 and Angle 8 _____

22. Describe the relevancy of this image in a complete sentence. Use the terms "transversal," "parallel lines," and "intersect."

