

Name: _____

HW #9

Retest Date: _____

For #16-20, name the transversal that forms each pair of angles then identify the special name for the angle pair. *If there is no name for the relationship, state (no name).*

16. $\angle 1$ & $\angle 11$ Transversal: _____

Angle Relationship: _____

17. $\angle 10$ & $\angle 16$ Transversal: _____

Angle Relationship: _____

18. $\angle 7$ & $\angle 14$ Transversal: _____

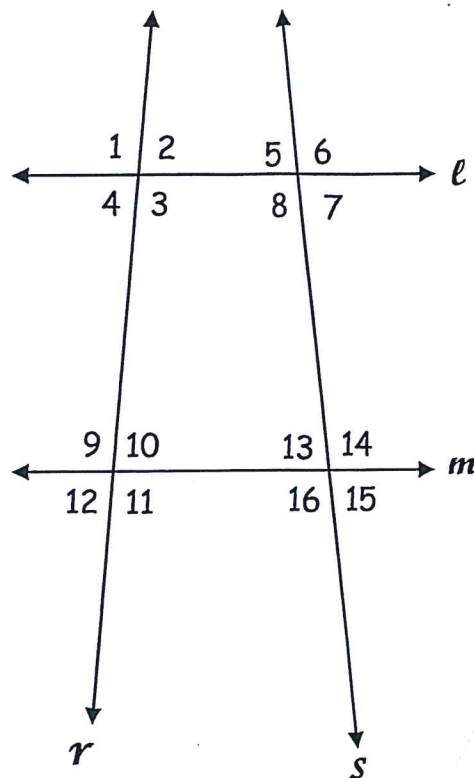
Angle Relationship: _____

19. $\angle 15$ & $\angle 1$ Transversal: _____

Angle Relationship: _____

20. $\angle 4$ & $\angle 5$ Transversal: _____

Angle Relationship: _____



For #22 - 25, write the converse of the given conditional statement. Decide whether each statement is true or false.

22. If two angles are vertical angles, then they are congruent.

TRUE/FALSE

TRUE/FALSE

23. If the angle measures 45° , then it is an acute angle.

TRUE/FALSE

TRUE/FALSE

24. If two angles form a linear pair, then they are supplementary.

TRUE/FALSE

TRUE/FALSE

25. If two angles are complementary, then the sum of their angles is 90° .

TRUE/FALSE

TRUE/FALSE