Refer to the figure at the right.
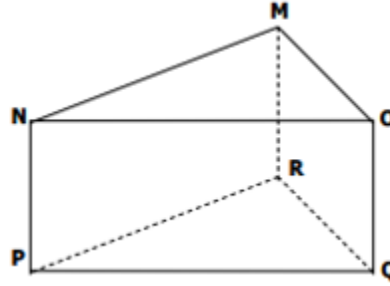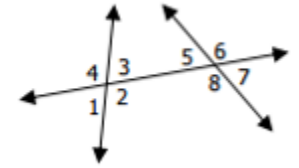
1) Name two pairs of parallel segments.

2) Name two segments skew to $\overline{NM}$.

3) Name two transversals for parallel lines $\overline{NO}$ and $\overline{PQ}$.
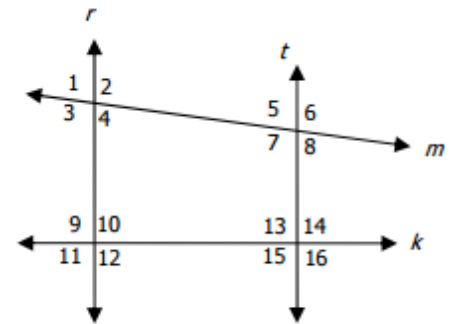
4) Name a plane that is parallel to plane *PRQ*.

Identify the angles that go with the following angle pairs.

5) ∠1 corresponds to _____   6) ∠1 is alternate exterior to_____

7) ∠1 is vertical to _____   8) ∠1 is a linear pair with _____ and _____

9) ∠2 is alternate interior to _____   10) ∠2 is consecutive interior to _____
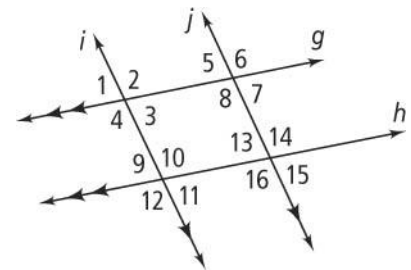
Use the given figure to state the transversal that forms each pair of angles. Then identify the angle pairs as alternate interior, alternate exterior, consecutive interior or corresponding.

11) ∠1 and ∠12   transversal is _____   special name is _____

12) ∠2 and ∠10   transversal is _____   special name is _____

13) ∠4 and ∠9   transversal is _____   special name is _____

14) ∠6 and ∠3   transversal is _____   special name is _____

15) ∠14 and ∠10   transversal is _____   special name is _____

16) ∠7 and ∠13   transversal is _____   special name is _____

Use the given figure to identify the angle pairs as alternate interior, alternate exterior, consecutive interior, corresponding, vertical, linear pair or no relationship.

17) ∠1 and ∠4 _____

18) ∠3 and ∠5 _____

19) ∠5 and ∠7 _____

20) ∠1 and ∠11 _____

21) ∠3 and ∠13 _____

22) ∠7 and ∠14 _____

23) ∠11 and ∠15 _____

24) ∠6 and ∠12 _____

25) In the figure at the right, lines and planes that appear to be parallel
are parallel. Carley says $\overline{AB} \parallel \overline{HG}$. Juan says $\overline{AB}$ and $\overline{HG}$ are skew.
Who is correct? Explain.