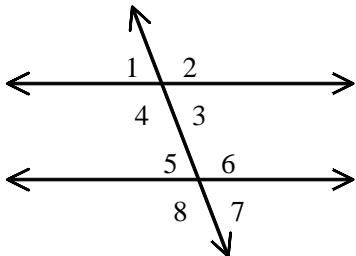
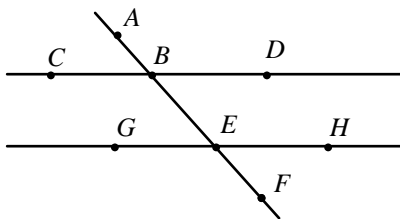


NAME: _____

- Identify $\angle 2$ and $\angle 8$ as corresponding angles, alternate exterior angles, alternate interior angles, same-side interior angles, or none of these.

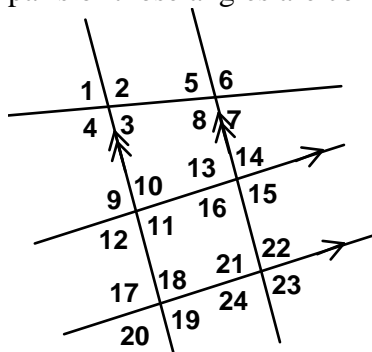


2.



Use the diagram above. Identify an exterior angle and an interior angle.

- In the diagram, identify pairs of angles that are alternate interior angles, corresponding angles, and same-side interior angles. Which pairs of those angles are congruent?



[1] alternate exterior

Answers may vary. Exterior: $\angle ABC$,
 $\angle ABD$, $\angle GEF$, or $\angle FEH$.

Interior: $\angle CBE$, $\angle DBE$, $\angle BEH$, or

[2] $\angle BEG$.

Answers may vary. Sample: $\angle 1$ and $\angle 9$ and
 $\angle 9$ and $\angle 17$ are corresponding angles, and
 $\angle 9$ and $\angle 17$ are congruent. $\angle 3$ and $\angle 9$
and $\angle 12$ and $\angle 18$ are alternate interior
angles; $\angle 12$ and $\angle 18$ are congruent. $\angle 8$

[3] and $\angle 13$ are same-side interior angles.