

Name \_\_\_\_\_

Name :

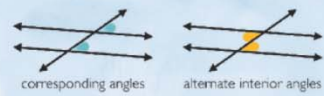
Class :



## Angles Relationship

Angle relationships refer to the geometric connections and interactions between angles formed by intersecting lines or shapes

### ANGLE RELATIONSHIPS



corresponding angles



alternate interior angles

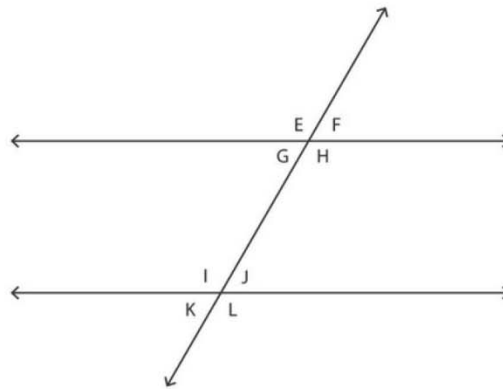


vertical angles



alternate exterior angles

Write the angle relationship for each pair of angles



- 1)  $\angle J$  and  $\angle F$  are corresponding angles
- 2)  $\angle E$  and  $\angle G$  are linear pair
- 3)  $\angle J$  and  $\angle K$  are vertical angles
- 4)  $\angle G$  and  $\angle I$  are same side interior angles
- 5)  $\angle H$  and  $\angle L$  are corresponding angles
- 6)  $\angle K$  and  $\angle E$  are same side exterior angles
- 7)  $\angle F$  and  $\angle K$  are alternate exterior angles
- 8)  $\angle H$  and  $\angle G$  are linear pair
- 9)  $\angle E$  and  $\angle H$  are vertical angles
- 10)  $\angle G$  and  $\angle J$  are alternate interior angles