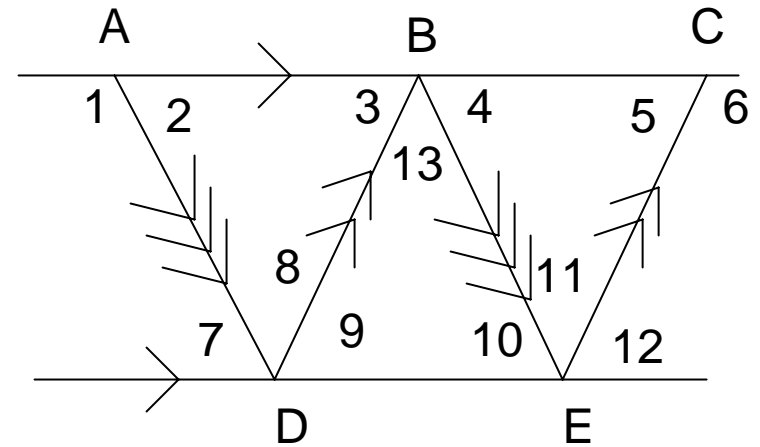


Chapter 3 Review

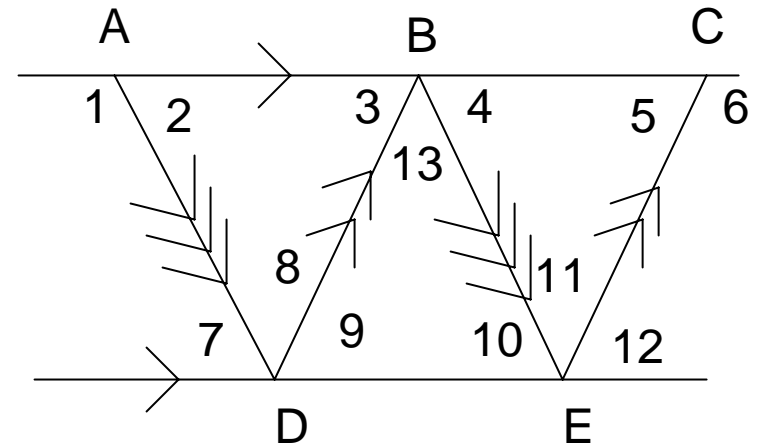
Finding Angles

- Find all the angles that are corresponding to angle 9.
- Find all the angles that are alternate interior angles to angle 10.



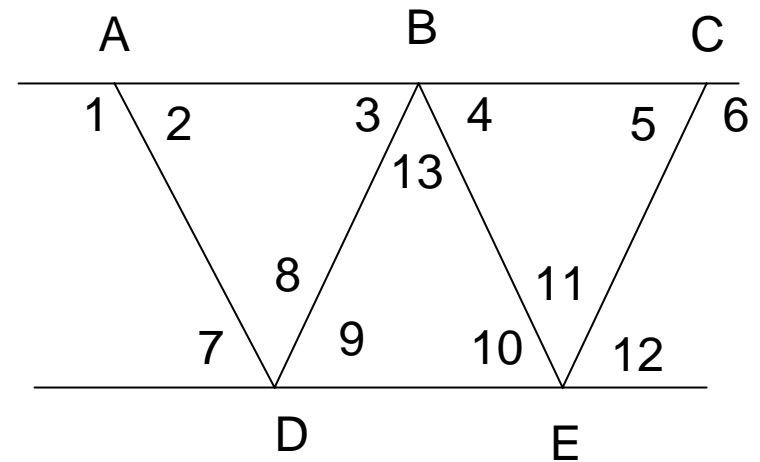
Finding Angles

- Find all the angles that are same side interior angles to angle 3.
- Find all the angles that are congruent to angle 13.
- Find all the angles that are supplementary to angles 8 and 9.



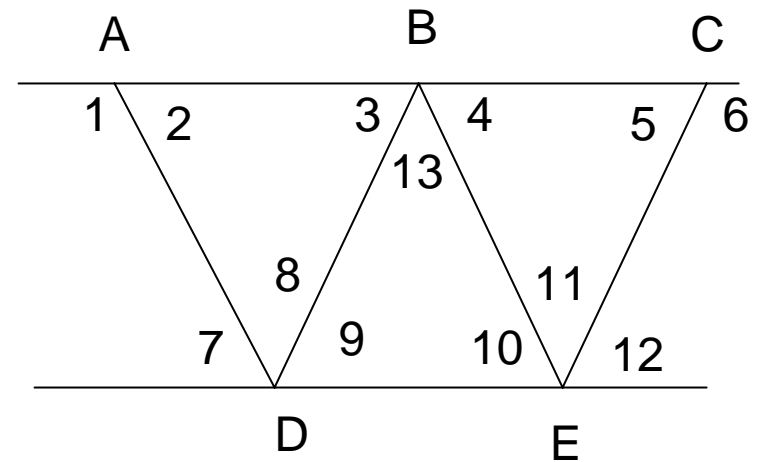
Finding Linear Relationships

- If angle 8 is congruent to angle 13, what lines, if any, are parallel and why?
- If angle 8 is congruent to angle 13, what lines, if any, are perpendicular and why?



Finding Linear Relationships

- If angles 5, 10, and 11 are supplementary, what lines, if any, are parallel and why?
- If angles 9 and 12 are congruent, what lines, if any, are parallel and why?
- If angles 8 and 11 are congruent, what lines, if any, are parallel and why?



Theorems

- State the postulate that concludes that corresponding angles are congruent.
- State the postulate that mentions corresponding angles in its hypothesis.
- State the theorem that could be used as a reason to show that alternate interior angles are congruent.
- State the theorem that requires same side interior angles to be supplementary in order to apply the theorem.

Finding Triangular Relationships

- If the measure of
 - angle 1 = X ,
 - angle 2 = $X + 10$
 - angle 4 is 110
 - find the measures of all angles.
- If the measure of
 - angle 1 = x
 - angle 2 = y ,
 - Angle 3 = $2y$
 - Angle 4 = $x + 10$
 - Find measure of all angles

