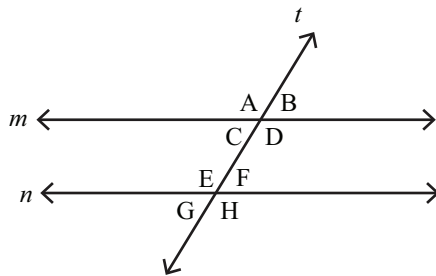


Handout 2: Versatile Transversals



1. Name all pairs of corresponding angles.
2. Name all pairs of alternate interior angles.
3. Name all pairs of alternate exterior angles.
4. If $m\angle A = 121^\circ$, what is the measure of $\angle E$?
5. If $m\angle C = 76^\circ$, what is the measure of $\angle H$?
6. If $m\angle B = 3x + 8$ and $m\angle F = 5x - 2$, what is the measure of $\angle C$?
7. If $m\angle A = 4x + 12$, $m\angle C = 7y - 2$, and $m\angle H = 3x + 4y - 3$. What are the values of x and y ?
8. The measure of angles $\angle E$ and $\angle D$ are both 124° . What can we conclude about lines m and n ?
9. The measure of angles $\angle B$ and $\angle C$ are both 60° . What can we conclude about lines m and n ?
10. All angles resulting from two parallel lines cut by a transversal are either _____ or _____ to each other.