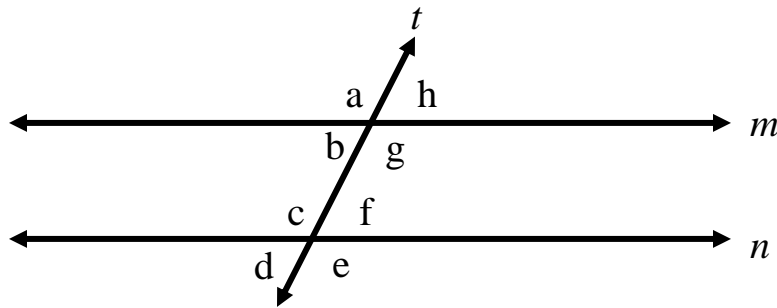


Given that $\vec{m} \parallel \vec{n}$ and \vec{t} is a transversal, answer the following questions.



1. What type of and what is the relationship between angles a and g ?

Type: _____ Relationship: _____

2. What type of and what is the relationship between angles d and b ?

Type: _____ Relationship: _____

3. What type of and what is the relationship between angles e and h ?

Type: _____ Relationship: _____

4. What type of and what is the relationship between angles d and h ?

Type: _____ Relationship: _____

5. What type of and what is the relationship between angles b and c ?

Type: _____ Relationship: _____

6. What type of and what is the relationship between angles b and f ?

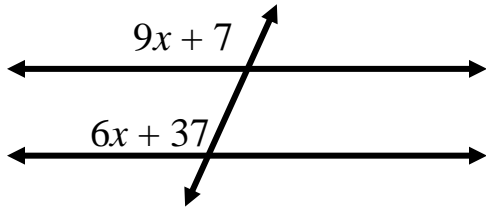
Type: _____ Relationship: _____

7. What type of and what is the relationship between angles a and h ?

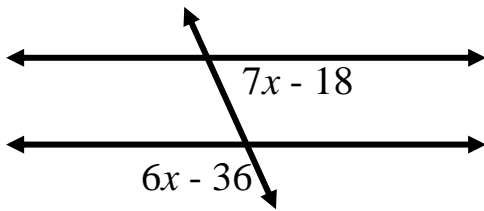
Type: _____ Relationship: _____

For problems 8 - , find the measure of x and the measure of the indicated angles. *Show all work.*

8.



9.



10.

