

Geometry

Unit 3 Lesson 3 Transversals

Name: _____

Date: _____

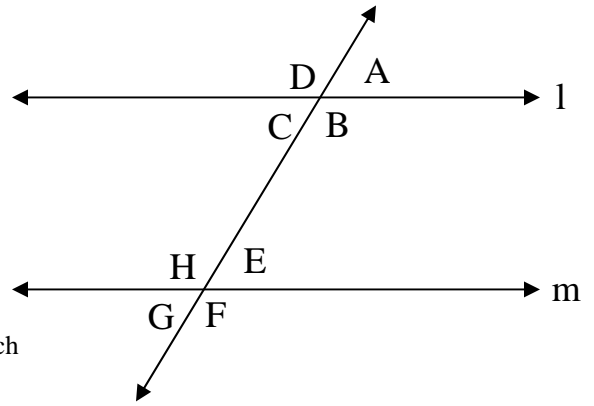
Period: 1 2 3 4 5 6

Standards: 7.0

Holt: 3.2 Transversals p. 155

Objective

transversal



Angles that occupy _____ positions, such

Angles that lie between lines l and m, on _____ sides, such as:

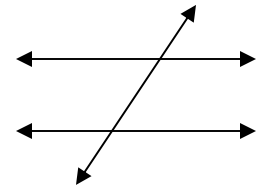
Angles that lie outside of lines l and m, on _____ sides, such as:

Angles that lie between lines l and m, on _____ side, such as:

Corresponding
Angles
Postulate

If

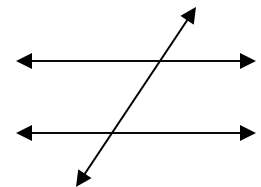
Then



Alternate Interior
Angles Theorem

If

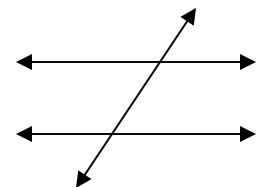
Then



Consecutive
Interior Angles
Theorem

If

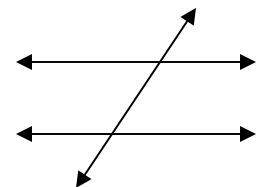
Then



Alternate Exterior
Angles Theorem

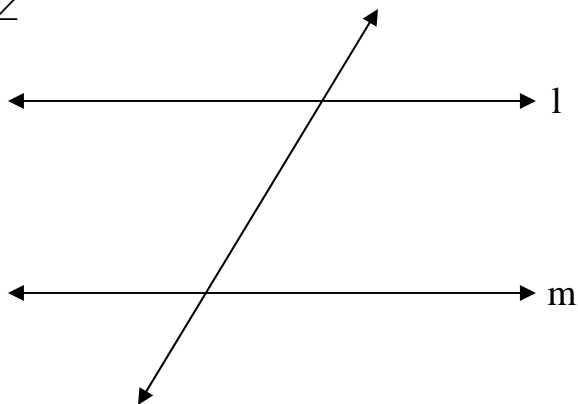
If

Then

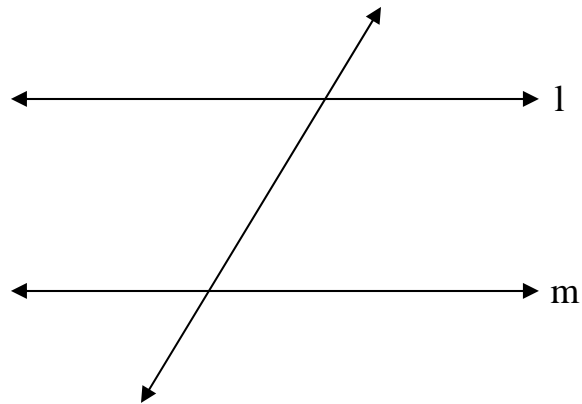


Ex 1 Assume that line l and m are parallel.

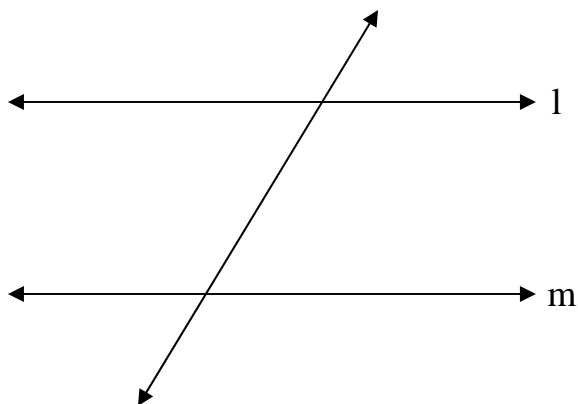
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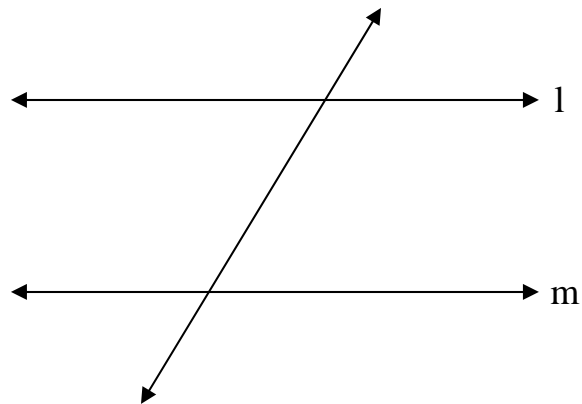
Ex 2 Assume that line l and m are parallel.



Ex 3 Assume that line l and m are parallel.

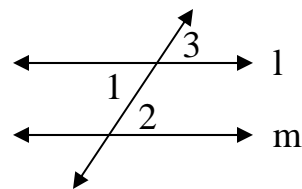


Ex 4 Assume that line l and m are parallel.



Given:

Prove:



Statement	Reason