

Essential Skill 1: Geometry Basics

LT 1.1 Parallel Lines &
Transversals

A decorative graphic consisting of several horizontal lines of varying lengths and colors (teal, light blue, white) extending from the right side of the slide towards the center.

Warm-up

- If you were **absent**, pick up 4 handouts from the back.
- Take out your notes, pencils, and highlighter.

Learning Objective

NAME _____ DATE _____ PERIOD _____

Essential Skill 1: Geometry Basics Key Points

Write at least one specific fact concerning the lesson.

For example, in the lesson on parallel lines and transversals, one fact might be parallel planes are planes that do not intersect. You can use this table to review for your chapter test.

Lesson	Fact
<p>LT 1.1 Parallel lines and transversals</p> <p><u>Learning Objective: I will be able to</u></p> <ul style="list-style-type: none">* Identify the relationship between two lines* Name angle pairs formed by parallel lines and a transversal	

Learning Objective

I will be able to . . .

***Identify the relationship between two lines**

***Name angle pairs formed by parallel lines and a transversal.**

Glossary Review

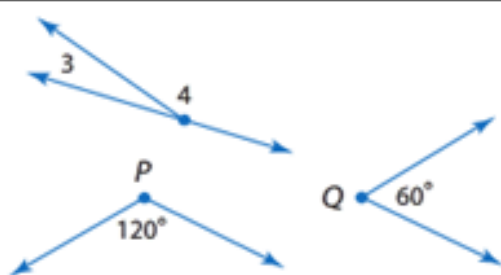
NAME _____ DATE _____ PERIOD _____

LT 1.1 Glossary Review

This is an alphabetical list of the key vocabulary terms you will learn.

As you study the learning target, remember to review the vocabulary before the exams.



Vocabulary Term	Definition/Description/Example	Drawing
Supplementary angles		

Glossary Review

- Supplementary angles
- Linear pair
- Complementary angles
- Vertical angles
- Perpendicular angles and lines
- Congruent angles

<http://www.mathopenref.com/congruentangles.html>

Glossary (New Vocabulary)

1) Relationships between lines and planes

- **Parallel lines**
- **Transversal**
- **Skew lines**
- **Parallel lines**

Notes

- 1) Relationships between lines and planes
 - * Parallel Lines
 - * Skew Lines
 - * Transversal
 - * Parallel Planes

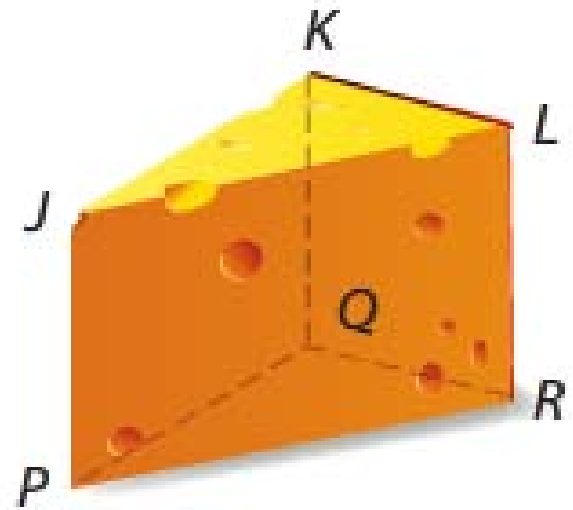
Example 1

- a) Identify all segments parallel to line JP

Segment LR and KQ

WHY?

- * Do not intersect. (do not touch)
- * Coplanar (on the same plane)



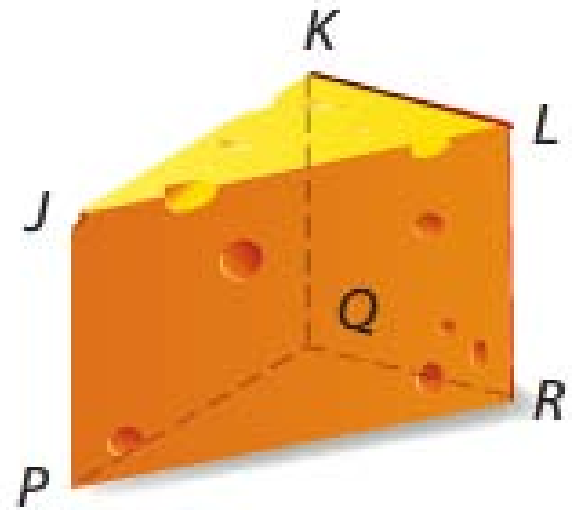
Example 1

b) Identify all segments skew to line KL

Segment JP , PQ , PR

WHY?

- * Do not intersect. (do not touch)
- * Not Coplanar (not on the same plane)



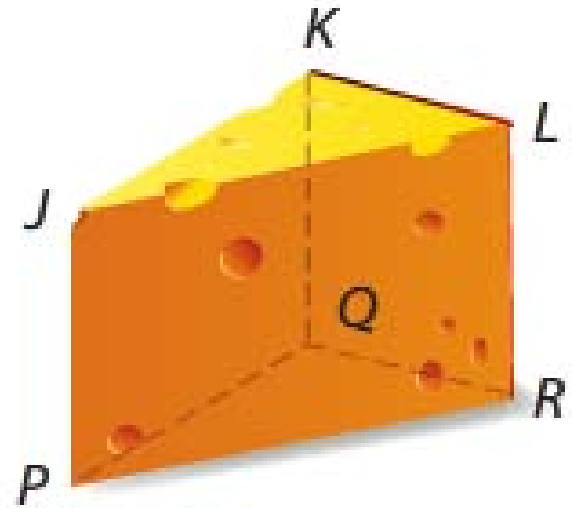
Example 1

c) Identify a plane parallel to plane PQR

Plane JKL

WHY?

- * Do not intersect
- * It is a plane



HW: On my DP

ccasillas.weebly.com

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HONORS:

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HW Example

Refer to my DP for an example of how to set up your homework.