Essential Skill 1: Geometry Basics

LT 1.1 Parallel Lines & Transversals

Warm-up

- **Take out your homework and notes notebooks.**

Learning Objective

I will be able to . . .

*Identify the relationship between two lines

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

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
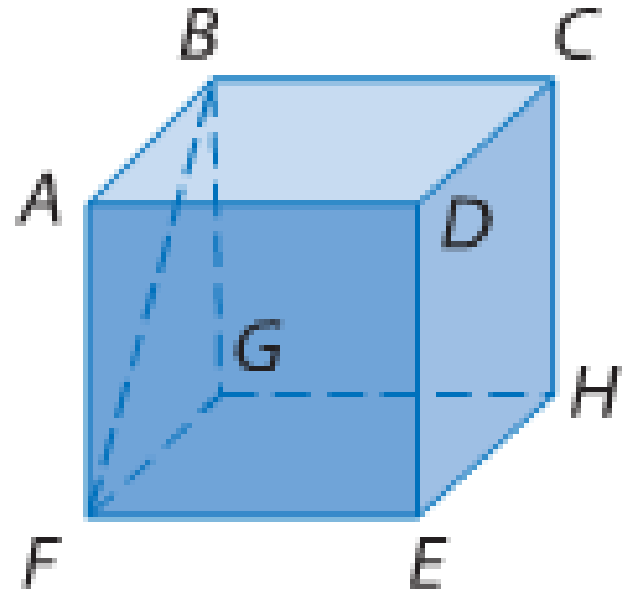   ***Skew Lines**
   * Transversal
   * Parallel Planes

Example 1a

a) Identify all segments skew to line BC

Answer: Segment AF, DE, FG, HE
WHY?
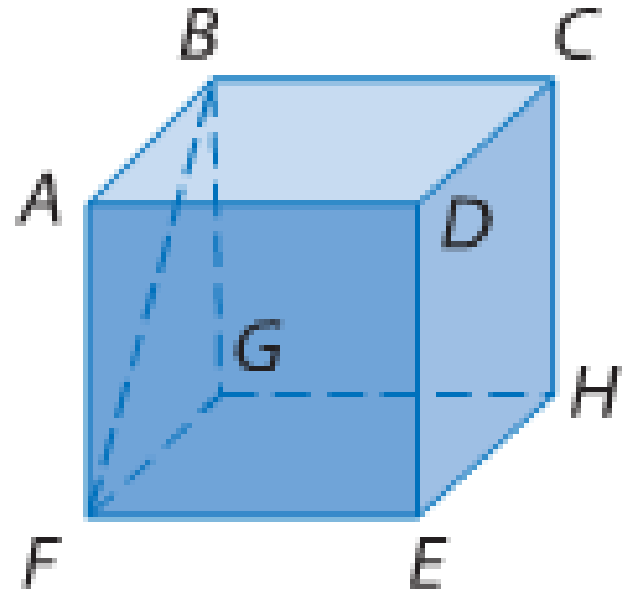   * Never intersect
   * Not coplanar (not on the same plane)

Example 1a

b) Identify all segments parallel to line EH

Answer: Segment AB, CD, FG
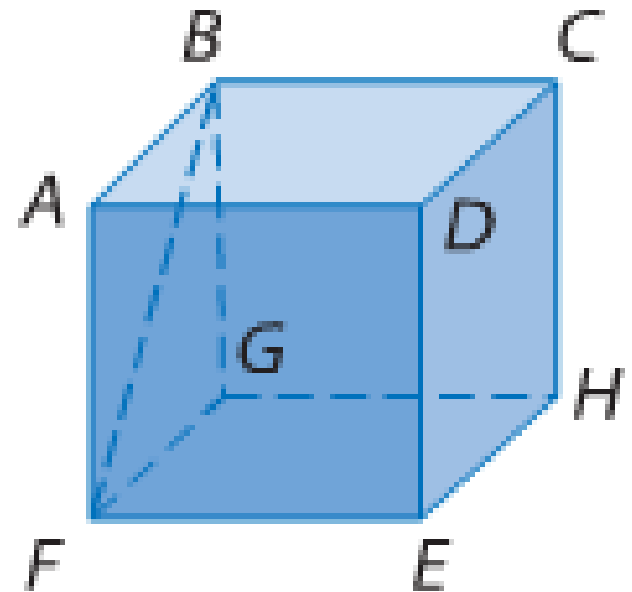WHY?
    * Never intersect
    * Coplanar (on the same plane)

Example 1a

c) Identify all planes parallel to plane DCH

Answer: Plane ABG
WHY?
* Never intersect

HW: On my DP

ccasillas.weebly.com

Class and Honors
1) #13-20 odd

2) Complete "LT 1.1 Glossary (continued)" on PG.7 in your notes.