

Geometry

Unit 1 Lesson 4

Name:

Date:

Period: 1 2 3 4 5 6

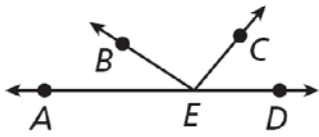
Standards: 13.0

Holt: 1.4 Angles Measures

Objective:

Two angles in the same plane with a common vertex and a common side, but no common interior points. $\angle 1$ and $\angle 2$ are adjacent angles

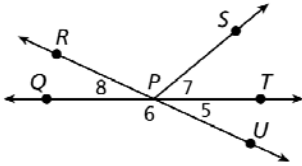
A pair of adjacent angles whose noncommon sides are opposite rays. $\angle 3$ and $\angle 4$ form a linear pair.



Example 1A: $\angle AEB$ and $\angle BED$ are:

Example 1B: $\angle AEB$ and $\angle BEC$ are:

Example 1C: $\angle AEB$ and $\angle BEC$ are:



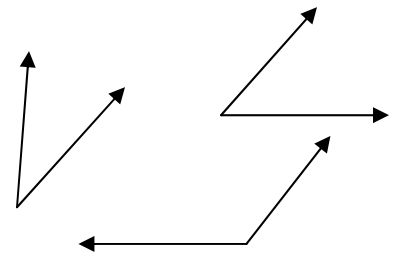
Check it out! Example 1a: $\angle 5$ and $\angle 6$ are:

Check it out! Example 1b: $\angle 7$ and $\angle SPU$ are:

Check it out! Example 1c: $\angle 7$ and $\angle 8$ are:

Two angles whose measures have a sum of:

Two angles whose measures have a sum of:



Example 2A:

Check it out! Example 2a

Example 2B

Check it out! Example 2b

Example 3: An angle is 10° more than 3 times the measure of its complement. Find the measure of the complement.

Check it out! Example 3: An angle's measure is 12° more than $\frac{1}{2}$ the measure of its supplement. Find the measure of the angle.

Two nonadjacent angles formed by two intersecting lines