

Notes Angle Relationships

Name: _____ Date: _____ Period: _____

Learning Target: _____

Adjacent Angles: _____

Examples:

Non-Examples:

Complementary Angle: _____

Examples:

Non-Examples:

Supplementary Angles: _____

Examples:

Non-Examples:

Linear Angles: _____

Examples:

Non-Examples:

Vertical Angles: _____

Perpendicular Angles: _____

Example:

Non-Example:

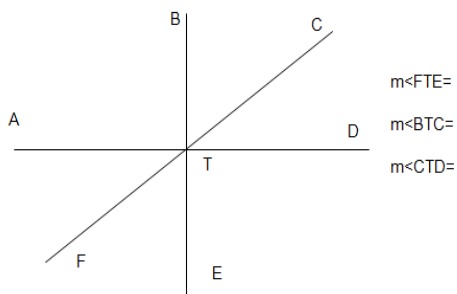
Example:

Non-Example:

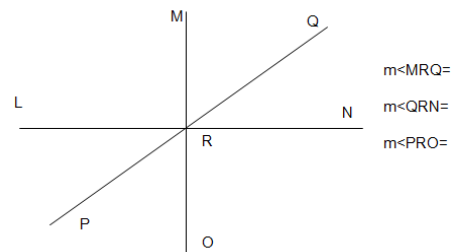
Example 1: $\angle ABC$ and $\angle CBD$ are complementary and adjacent angles. $\angle CBD = 43^\circ$ Draw a diagram and then find the missing angle.

Example 2: $\angle EFG$ and $\angle FGH$. Are Linear Angles $\angle EFG = 156^\circ$ Draw a diagram and then find the missing angle.

Example 3: Lines AD and BE are perpendicular, $m\angle ATF = 32^\circ$. Solve...



Example 4: Example 4: Lines MO and LN are perpendicular, $m\angle QRN = 4x + 7$, $m\angle MRQ = 6x + 3$. Solve...



Show me you can do it! –

1. What do you call two angles that total 180° ? _____
2. How about two adjacent supplementary angles? _____
3. What about two angles that are not adjacent on two intersecting lines? _____
4. Two angles that total 90° ? _____
5. Two angles with a common vertex and side? _____