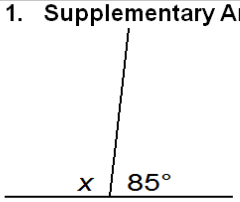
8.2.3: Theorems Practice Sheet

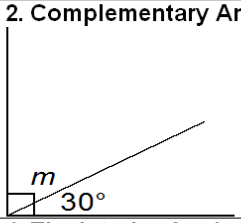
Define each principle and determine the unknown angles.

1. Supplementary Angles



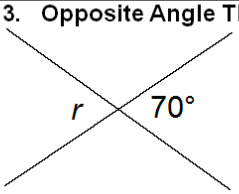
x° =
=

2. Complementary Angles



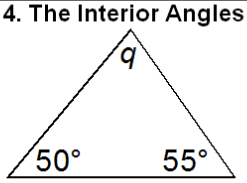
m° =
=

3. Opposite Angle Theorem



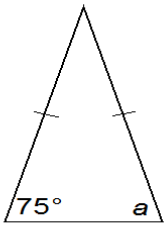
r° =
=

4. The Interior Angles of a Triangle



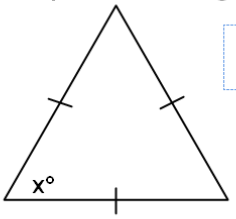
q° =
=

5. Isosceles Triangle Theorem



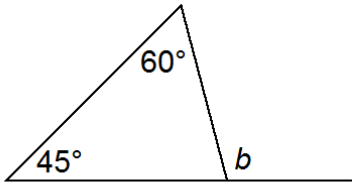
a° =
=

6. Equilateral Triangles



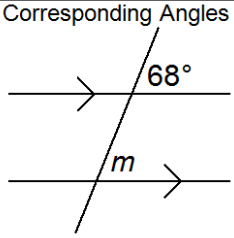
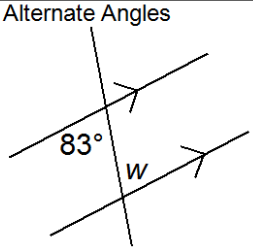
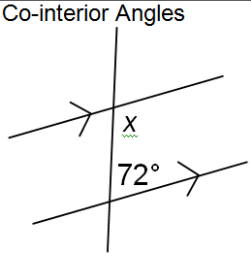
x° =
=

7. Exterior Angle Theorem



b° =
=

8. **Parallel Lines**

Corresponding Angles	Alternate Angles	Co-interior Angles
		
m° =	w° =	x° = =