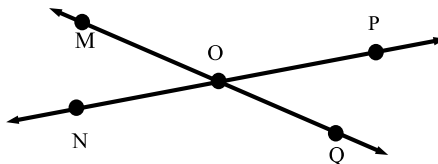




## Vocabulary



**Adjacent Angles:** two coplanar angles with a common side, a common vertex, and no common interior points.



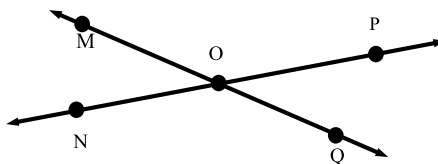
Examples:  $\angle MOP$  and  $\angle POQ$  or  $\angle NOQ$  and  $\angle QOP$



## Vocabulary



**Vertical Angles:** two angles whose sides are opposite rays.(they are always congruent)



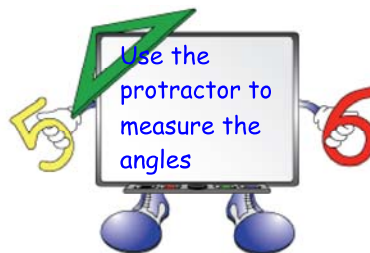
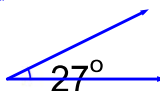
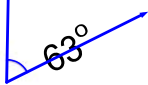
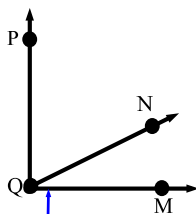
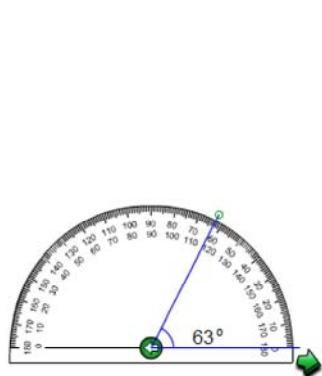
Examples:  $\angle MOP$  and  $\angle NOQ$  or  $\angle MON$  and  $\angle POQ$



## Vocabulary



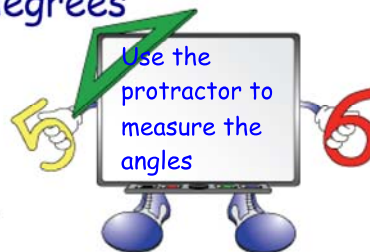
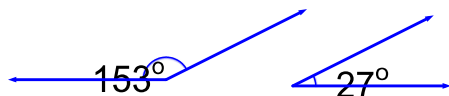
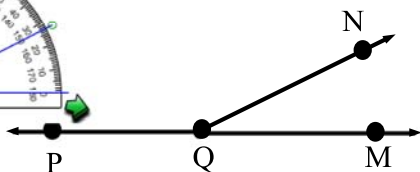
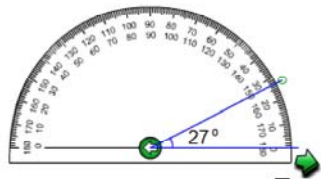
**Complementary Angles:** two angles whose measures have a sum of 90 degrees



## Vocabulary



**Supplementary Angles:** two angles whose measures have a sum of 180 degrees



## Week 4 Tuesday Notes



Use the picture to name the following



|                        |                           |
|------------------------|---------------------------|
| Name the following:    | Answers will vary         |
| 2 vertical angles      | $\angle ACD + \angle FCG$ |
| 2 adjacent angles      | $\angle BCA + \angle ACD$ |
| 2 complementary angles | $\angle ACD + \angle DCE$ |
| 2 supplementary angles | $\angle BCD + \angle DCE$ |

