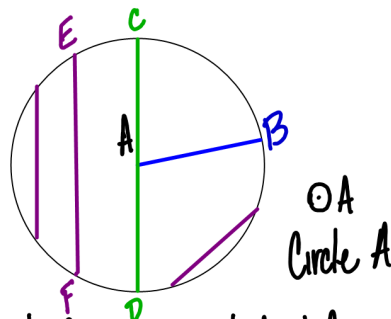
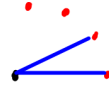


9.1  
p 564



Circle set of points equidistant from a point called the center



Radius distance from the center of circle to a point on the circle

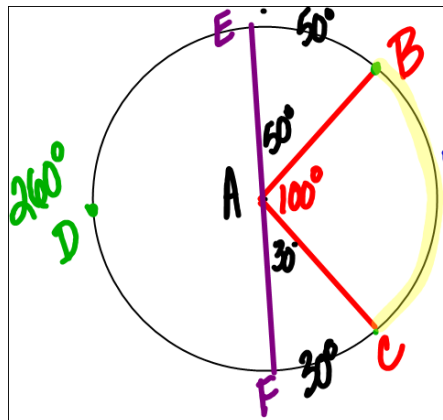
radii plural

$\overline{AB}$

Diameter segment with endpoints on the circle passing through the center  $\overline{CD}$

Center point A

Chord segment with endpoints on the circle  $\overline{EF}$



Intercepted  
Arc  $\widehat{BC}$   
 $\widehat{CB}$

$\angle BAC$   
A vertex  
center of circle  
Central Angle

$m\widehat{BC} = 100^\circ$   
 $m\angle BAC = 100^\circ$

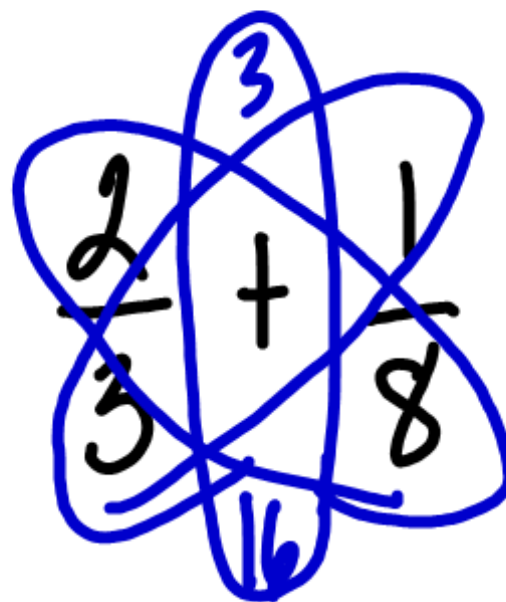
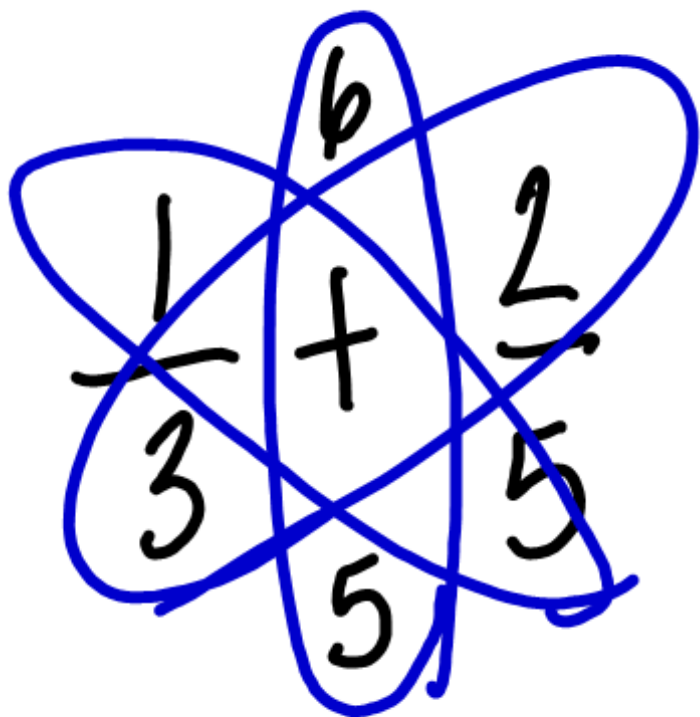
Minor arc less than  $180^\circ$  named with 2 letters  
Semi circle  $180^\circ$  3 letters  
Major arc greater than  $180^\circ$  named with 3 letters

$\widehat{BDC}$   $\widehat{CDB}$   
 $m\widehat{BDC} = 260^\circ$

$\widehat{EDF}$   
Semi circle  
 $m\widehat{EDF} = 180$

$\psi$  570

11-30 A



$$\frac{5}{15} + \frac{6}{15}$$

$$\frac{11}{15}$$

$$\frac{16}{24} + \frac{3}{24}$$

$$\frac{19}{24}$$