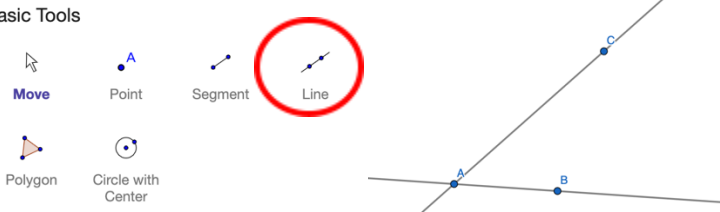
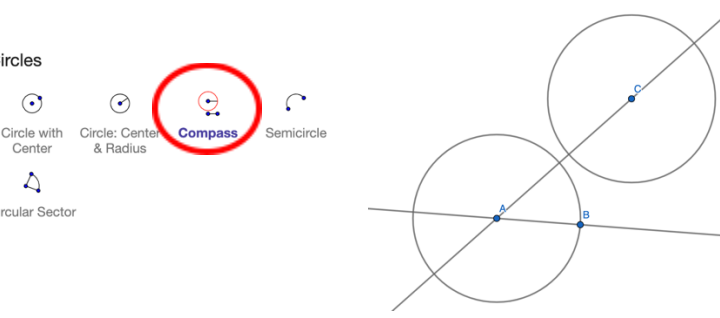
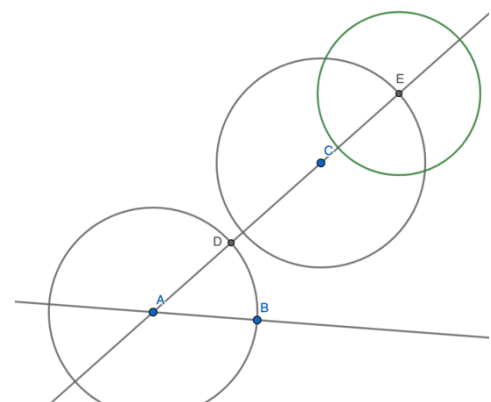
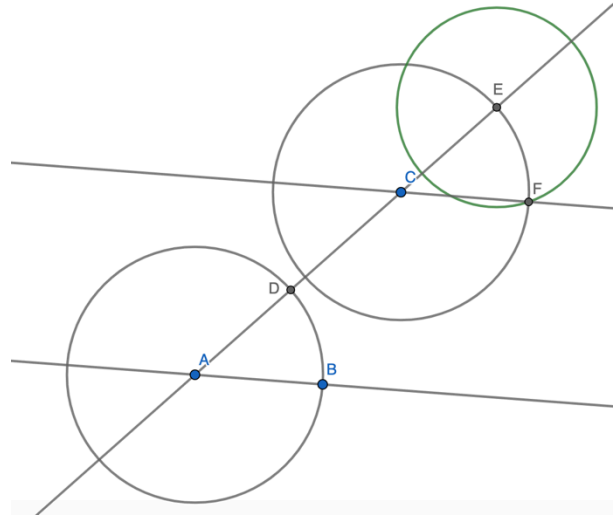


GeoGebra Parallel Lines Construction

1. Select Line from the Basic Tools menu. 2. Create $AB \leftrightarrow$ and $AC \leftrightarrow$.	Basic Tools  Move Point Segment Line Polygon Circle with Center
3. Select Compass from the Circles menu. 4. Select points A then B to set the radius, and then point A for the center. 5. Select points A then B to set the radius, and then point C for the center.	Circles  Circle with Center Circle: Center & Radius Compass Semicircle Circular Sector
6. Select Point from the Basic Tools menu, and place point D and E at the intersections of the compass and $AC \leftrightarrow$. 7. Select Compass, points B then D to set the radius, and then point E for the center.	

8. Select **Line** and connect point C to the intersection of the two new compass circles, labeled point F. $\overleftrightarrow{AB}$ and $\overleftrightarrow{CF}$ are parallel to each other.



Check your work

1. Select **Parallel Line** from the Construct menu.
2. Select $\overleftrightarrow{AB}$ and point **C**.
3. If you are correct, you will create a line over $\overleftrightarrow{CF}$.

Construct



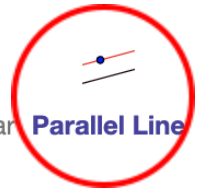
Midpoint or
Center



Perpendicular
Line



Perpendicular
Bisector



Angle Bisector



Tangents