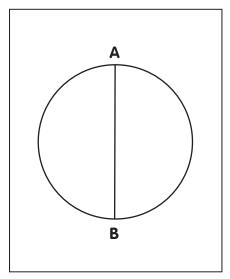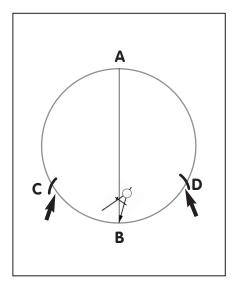# HOW TO DIVIDE A CIRCLE INTO SEVEN EQUAL PARTS — Geometric Design
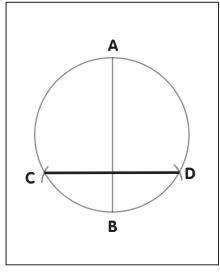

1.
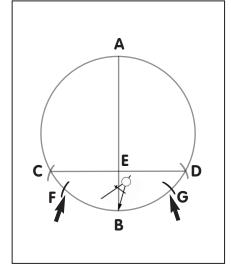- Draw a circle with a vertical diameter. (**AB**)

2.
- Keep the radius of the compass the same.
- Place the point of the compass on point **B**.
- Draw 2 short arcs that intersect the circumference of the circle. (**C** and **D**)
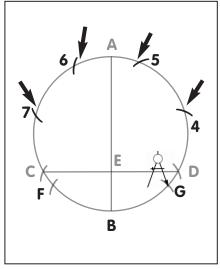

3.
- Draw a horizonal line that connects the intersection points **C** and **D**.
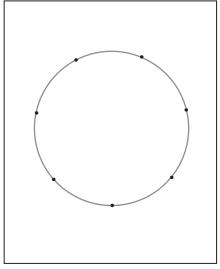

4.
- Set the radius of the compass the length of **CE**.
- Place the point of the compass on **B**.
- Draw 2 short arcs that intersect the circumference of the circle. (**F** and **G**)

5.
- Set the radius of the compass the length of **BG**.
- Move the compass point to **G**.
- Draw a short arc that intersects the circumference at **4**.
- Move the compass point to **4**.
- Draw a short arc that intersects the circumference at **5**.
- Continue in this way for **6** and **7**.

6.
- Erase all the construction lines.