Circle Divider
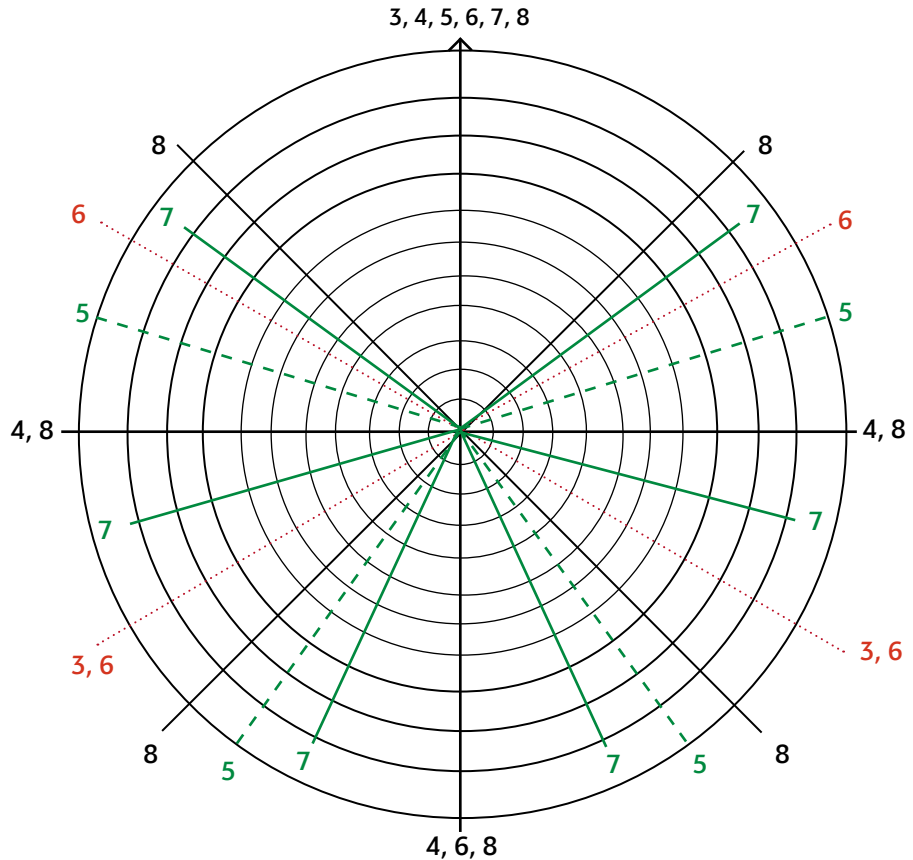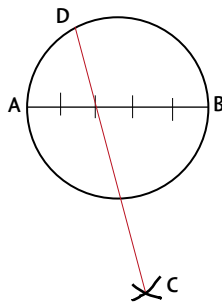
Use this tool to divide a circle into uniform segments. Center the work on the target below and make marks at the selected intervals.

3, 4, 5, 6, 7, 8

8   8

6   7   7   6

5   5

4, 8   4, 8

7   7

3, 6   3, 6

8   5   7   7   5   8

4, 6, 8

To Divide a Circle into Equal Parts

1. Draw diameter AB.
2. With A as center and AB as radius, scribe an arc. Repeat, with B as center.
3. With a ruler, divide AB into the desired number of parts. This example shows five.
4. Draw a line from C through the second division.
5. Step AD around the circle. Presto!

Making a Cone Pattern

1. Draw an accurate side view of the cone (gray).
2. Extend the sides to meet (D).
3. Set a compass with radius BD and scribe an arc.
4. Multiply AB times pi (3.14) and mark this distance along the arc BC.
5. Connect DC. The shaded portion is the pattern.