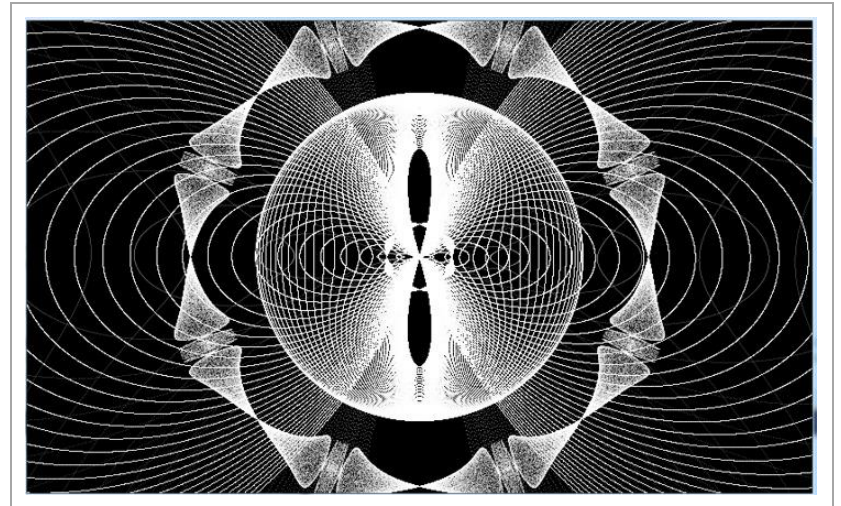


GRAPHS OF **POLAR** EQUATIONS



NAME: _____

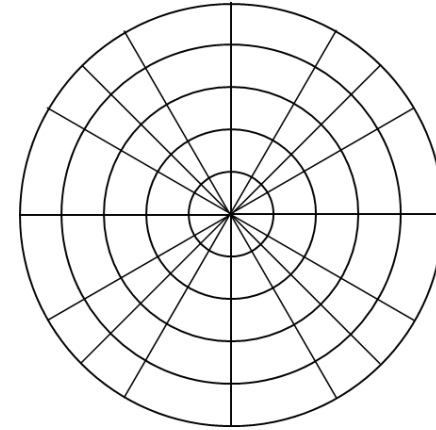
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Type: Archimedes Spiral

$a =$ Positive Equation: _____

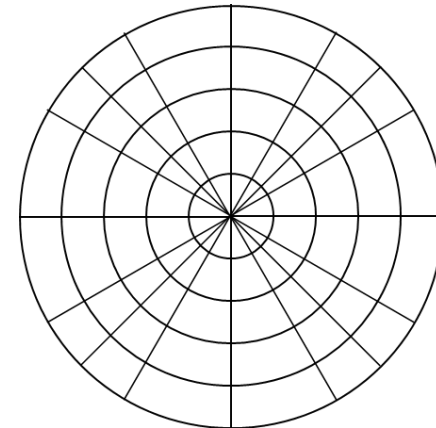
Graph Example: _____



Rules/What do you know?

$a =$ Negative Equation: _____

Graph Example: _____

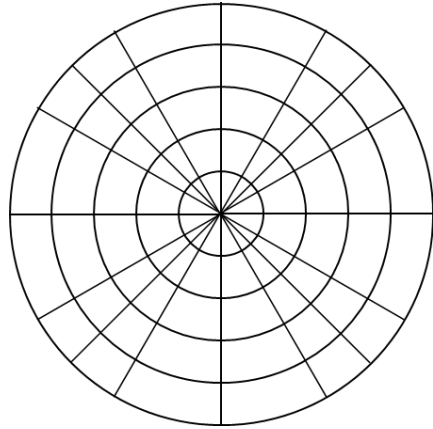


Rules/What do you know?

Type: **Lemniscantes**

$n = \cos$ Equation: _____

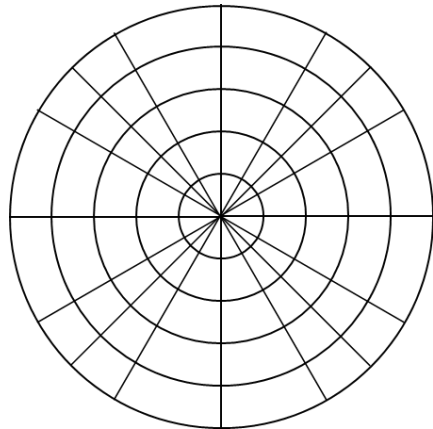
Graph Example: _____



Rules/What do you know?

$n = \cos$ Equation: _____

Graph Example: _____



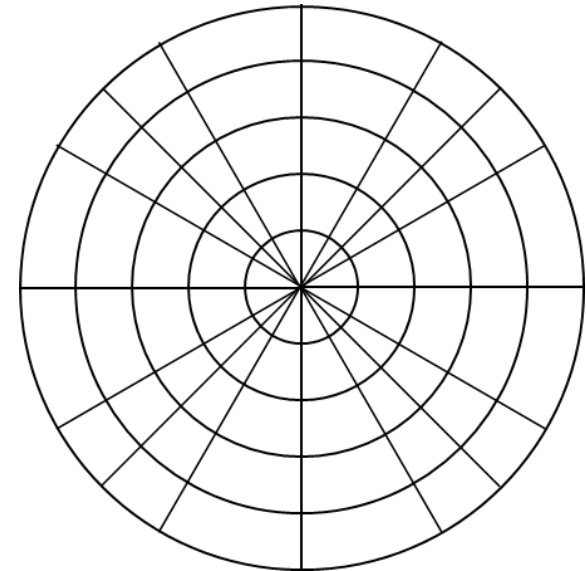
Rules/What do you know?

Rules/What do you know?

Type: **Line**

Equations: _____

Graph Examples: _____

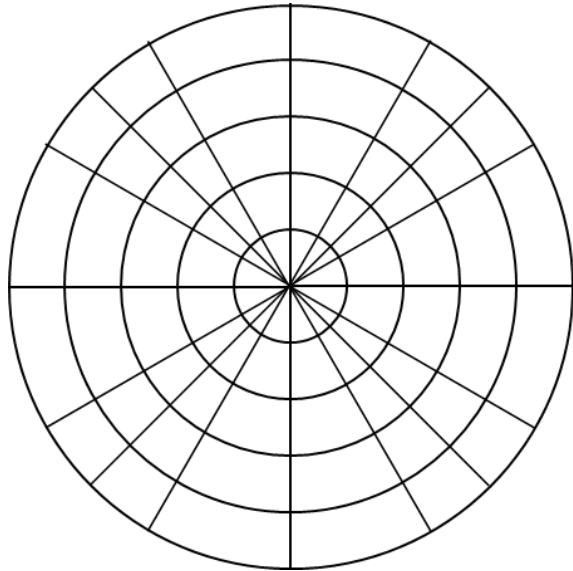


Rules/What do you know?

Type: **Circle**

Equations: _____

Graph Examples: _____

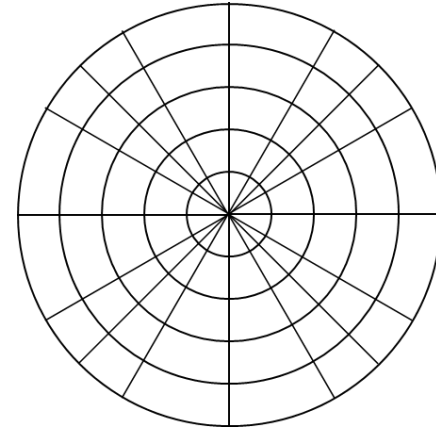


Rules/What do you know?

Type: **Rose ($\sin n\theta$)**

$n = \text{odd}$ Equation: _____

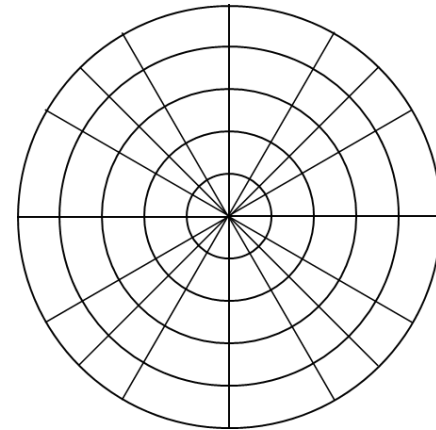
Graph Example: _____



Rules/What do you know?

$n = \text{even}$ Equation: _____

Graph Example: _____

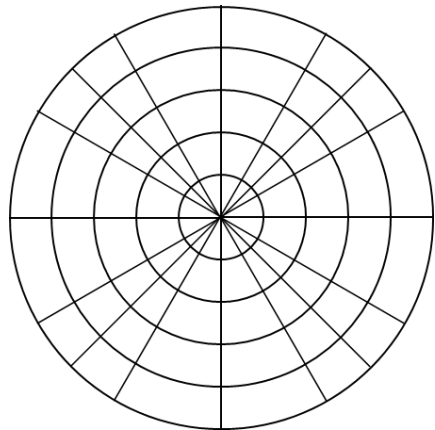


Rules/What do you know?

Type: **Rose ($\cos n\theta$)**

$n = \text{odd}$ Equation: _____

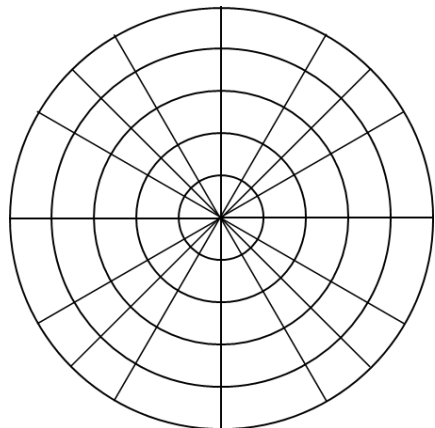
Graph Example: _____



Rules/What do you know?

$n = \text{even}$ Equation: _____

Graph Example: _____

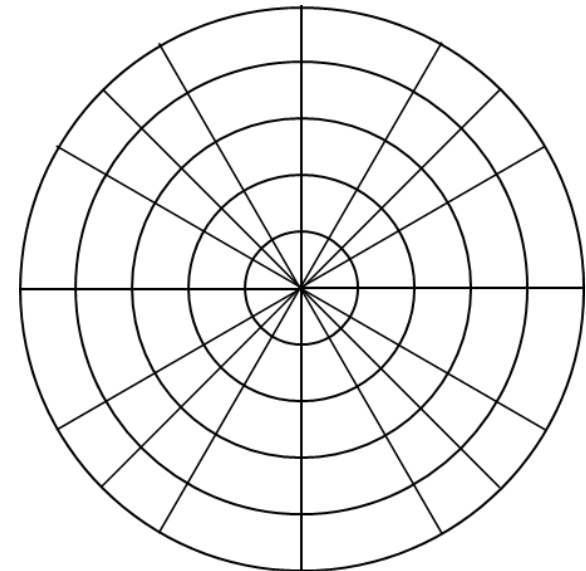


Rules/What do you know?

Type: **Cardioid (Heart Shaped)**

Equations: _____

Graph Examples: _____

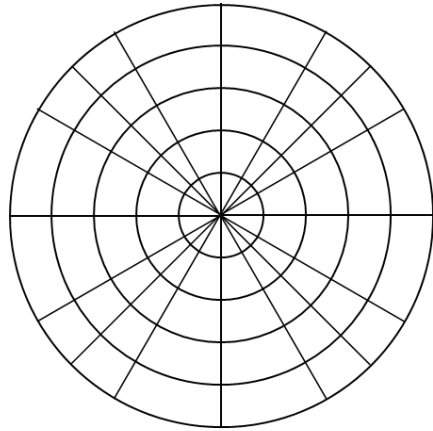


Rules/What do you know?

Type: **Limaçon**

Inner Loop Equations: _____

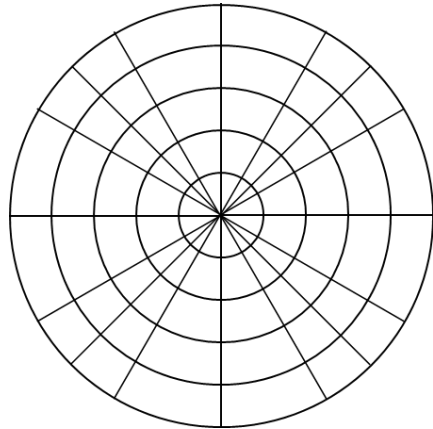
Graph Examples: _____



Rules/What do you know?

Dimpled Equations: _____

Graph Example: _____

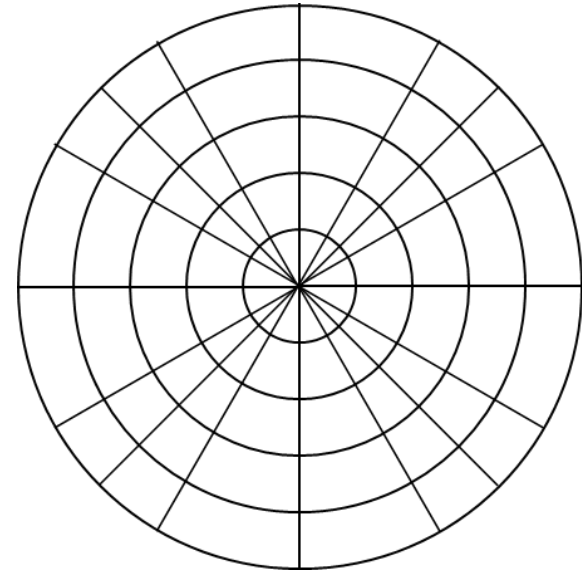


Rules/What do you know?
What do you know?

Type: **Limaçon**

Convex Equations: _____

Graph Examples: _____



Rules/What do you know?