

Petite Chartres

build measurements

for

20 & 28 ft. diameter labyrinths



Following construction guides for 36' Chartres labyrinth (in separate document), or your own methodology, use these dimensions and measurements, and location of turns, to create a 7-circuit Petite-style medieval labyrinth.

Labyrinth Guide Set-up for various diameter labyrinths

20-foot diameter Labyrinth

5 foot center circle (60 inches)

15 remaining feet (180 inches)
divided by 14 circuits
=
12.86 inch pathways
(round down to 12 inches)

1st mark from center = 2.5 ft. (30")

2nd mark from center = 42"

3rd mark from center = 54"

4th mark from center = 66"

5th mark from center = 78"

6th mark from center = 90"

7th mark from center = 102"

8th mark from center = 114"

28-foot diameter Labyrinth

7 foot center circle (84 inches)

21 remaining feet (252 inches)
divided by 14 circuits
=
18 inch pathways

1st mark from center = 3.5 ft. (42")

2nd mark from center = 60"

3rd mark from center = 78"

4th mark from center = 96"

5th mark from center = 114"

6th mark from center = 132"

7th mark from center = 150"

8th mark from center = 168"

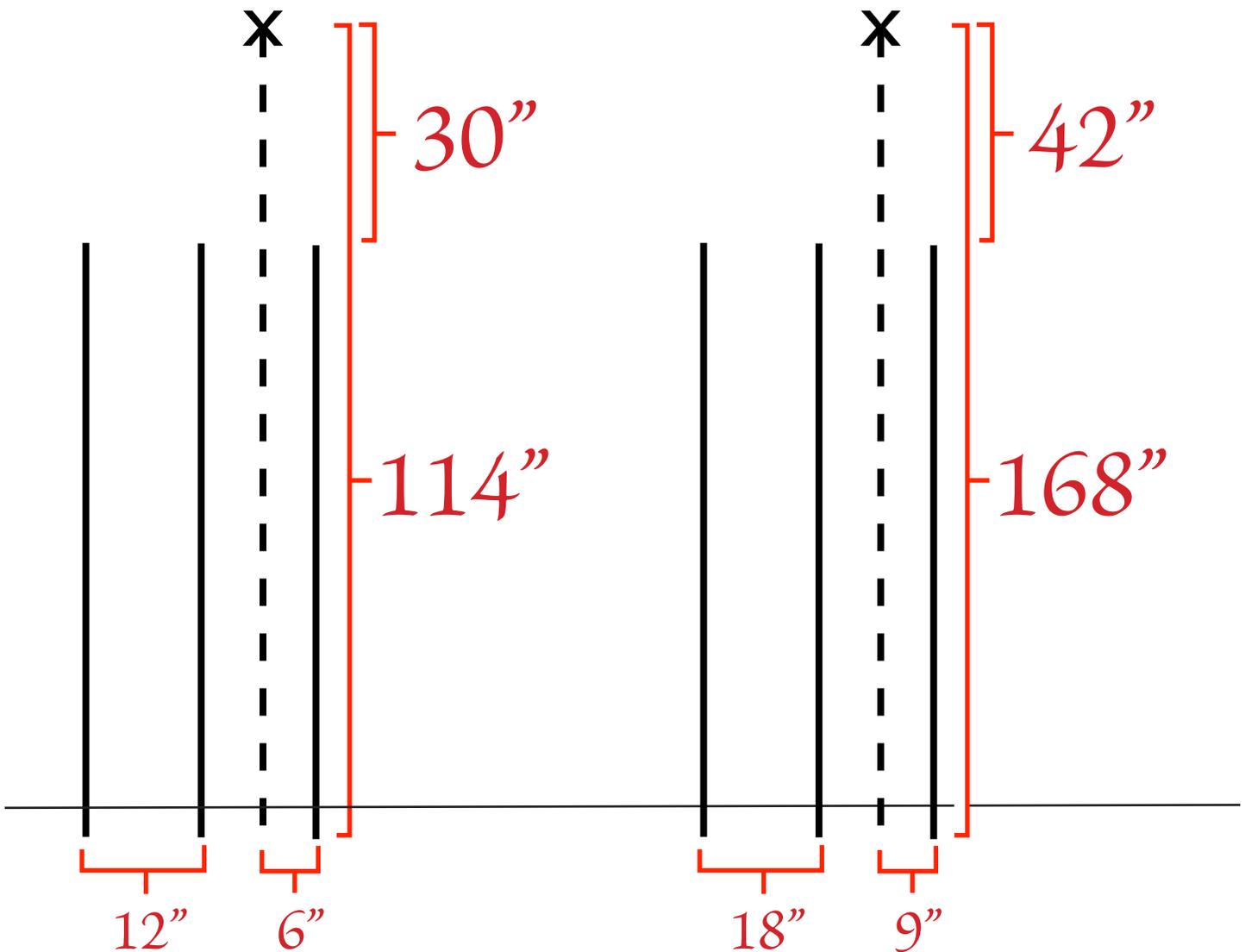
Making the ENTRY PATHS for 20' & 28' diameter labyrinths

20 foot Labyrinth

28 foot Labyrinth

full Labyrinth Path Width = 12 inches wide
 half-width of Labyrinth Path = 6 inches wide
 1st circle's distance from center = 30 inches
 8th circle's distance from center = 114 inches

full Labyrinth Path Width = 18 inches wide
 half-width of Labyrinth Path = 9 inches wide
 1st circle's distance from center = 42 inches
 8th circle's distance from center = 168 inches



Making the Petals & center circle crosses for various diameter labyrinths

(note: $\text{circumference} = \text{diameter} \times \pi [3.1416]$)

20 foot Petite Chartres Labyrinth

Labyrinth Path = 12 inches wide
Center (Rose) circle = 5 feet in diameter
Rose Circle Cross height = 1 ¹/₄ feet tall

Middle Cross is opposite entrance on center axis.

2 more crosses spaced evenly on each side of middle cross.

Path into center splits 6th cross, each side rising 1.25' into center circle

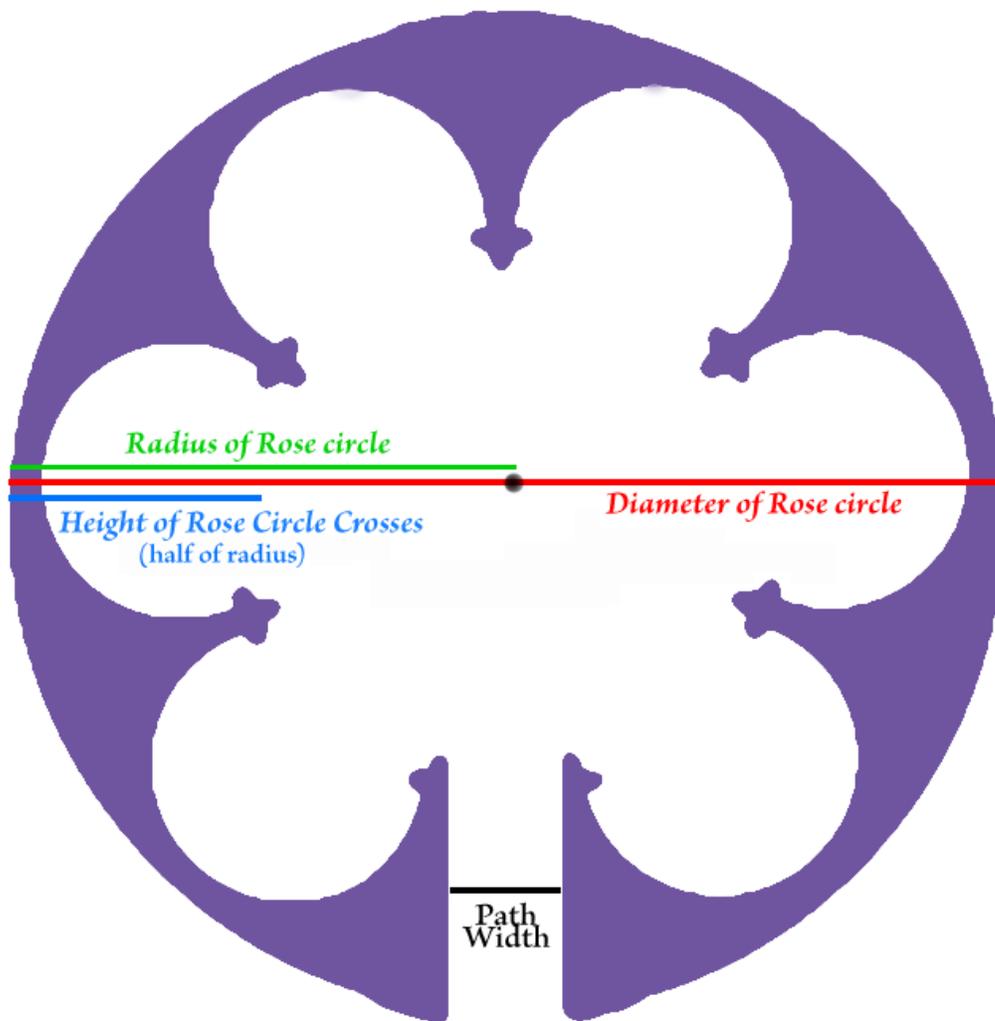
28 foot Petite Chartres Labyrinth

Labyrinth Path = 18 inches wide
Center (Rose) circle = 7 feet in diameter
Rose Circle Cross height = 21 inches tall

Middle Cross is opposite entrance on center axis.

2 more crosses spaced evenly on each side of middle cross.

Path into center splits 6th cross, each side rising 21" into center circle



Labyrinth Lunation Set-up for various diameter labyrinths

(While “lunations” on original Chartres style labyrinth were of a rounded partial-circle design, a tape labyrinth is simplified by just using a straight portion of tape as a sort of ray extending perpendicular out from outside circle of labyrinth.)

20' Petite Chartres Labyrinth

Lunations = 6” long (*using 2” wide tape*)

8.33” apart on center

1st lunation is at top center

(Lunation Guides for this size labyrinth are NOT provided in these pages.)

28' Petite Chartres Labyrinth

Lunations = 7.333” long (*using 2” wide tape*)

9.333” apart on center

1st lunation is at top center

(Lunation Guides for this size labyrinth are provided on following page.)



About Lunations...

Lunations are the marks along the outer edge of labyrinth. Though to originally be a form of the lunar calendar, they may have helped the early church to calculate the date of Easter for each year, and thus the rest of the church’s liturgical year.

Lunations are now often used as a tool for prayer and meditation. Those using a labyrinth often “pray the lunations” by walking around the edge of the labyrinth, one step for each lunation, saying a prayer at each step along the way.

Instructions: Cut out the three 9.33" x 2" rectangles along the black outline.
This will provide you with three lunation (labyrinth rays) guides.

I— 4.666 inches = first Lunation from center of entrance —I

I— 7.333 inches = length of 2" wide Lunations —I

Lunation Markers (for 28' labyrinth)

I— 9.333 inches long = distance separating Lunations on center —I

I— 4.666 inches = first Lunation from center of entrance —I

I— 7.333 inches = length of 2" wide Lunations —I

Lunation Markers (for 28' labyrinth)

I— 9.333 inches long = distance separating Lunations on center —I

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