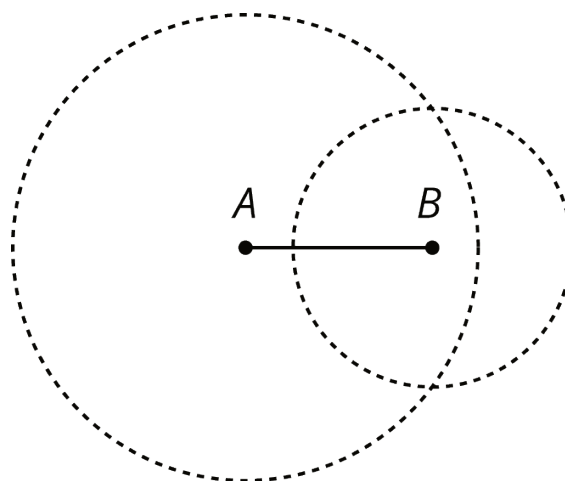


Lesson 7: Building Polygons (Part 2)

Cool Down: Finishing Elena's Triangles

Elena is trying to draw a triangle with side lengths 4 inches, 3 inches, and 5 inches.

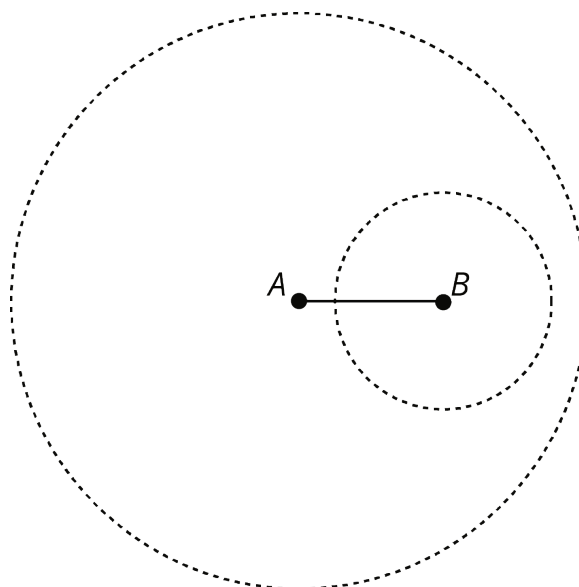
- She uses her ruler to draw a 4 inch line segment AB .
- She uses her compass to draw a circle around point B with radius 3 inches
- She draws another circle, around point A with radius 5 inches.



1. What should Elena do next? Explain and show how she can finish drawing the triangle.

Now Elena is trying to draw a triangle with side lengths 4 inches, 3 inches, and 8 inches.

- She uses her ruler to draw a 4 inch line segment AB .
- She uses her compass to draw a circle around point B with radius 3 inches.
- She draws another circle, around point A with radius 8 inches.



2. Explain what Elena's drawing means.